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ABSTRACT

The monograph summarizes national, regional, and state expenditure data for mental retardation (MR)/developmental disabilities (DD) services from fiscal year 1977-84. Data were compiled through responses of MR/DD state agency officials to data extracted from state excecutive budget documents. The project was designed to (1) develop a methodology for accomplishing annual or biennial updates of MR/DD spending trends in the states and throughout the nation and (2) to determine comparative funding levels and patterns for community and institutional services in the 50 states. The report displays digitally plotted graphics in four topic areas: expenditure data aggregated across the 50 states for the 8-year period; the ratio of institutional expenditures (including state and federal funds for state-operated facilities and centers, and state schools) per dollar of community expenditures for each state; nationwide fiscal trends and service statistics in income maintenance and special education programs (including Social Security Disability Insurance and Public Law 94-142); and state-by-state comparative data on institutional and community services expenditures. (CL)

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PUBLIC POLICY MONOGRAPH SERIES

Monograph # 3

A SUMMARY OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES EXPENDITURES IN THE UNITED STATES: FY 1977-1984

(Preliminary Working Data)

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INSTITUTE FOR THE STUDY OF DEVELOPMENTAL DISABILITIES

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PUBLIC POLICY MONOGRAPH SERIES

Monograph #3

A SUMMARY OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES EXPENDITURES IN THE UNITED STATES: FY 1977-1984 (Preliminary Working Data)

by

David Braddock Ruth Howes Richard Hemp

MR/DD EXPENDITURE ANALYSIS PROJECT
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PREFACE-ACKNOWLEDGEMENTS

This is the first monograph of a forthcoming series describing the state-federal fiscal structure of the MR/DD field. It presents summarized national, regional and state expenditure data over the FY 1977 -`84 period. Although this monograph is labeled "preliminary," the trends depicted in the following charts are likely to change very little if at all in their final form.

In the Fall of 1984, an unabridged version of this summary monograph will be available. It will present essentially the same charts in the United States Chart Series shown in Section IV, for each of the fifty states. The data will reflect annual trends across the FY 1977 - `84 period. Each state's graphic fiscal profile will be accompanied by detailed technical notes describing the state's budget organization and delineating precisely how the analysis of that state's expenditure record was accomplished. An additional monograph on the history of Federal expenditures for mental retardation over the 1935 - 1984 period is also being prepared for dissemination later in the year.

The staff of this project, other than the listed authors, deserve credit for a job well done. Research assistants Larry Prebis and Steve Garcia are responsible for translating a 27,540-cell electronic spreadsheet of state-by-state expenditure data into easy-to-read computer graphics. Leslie Chapital, the Project Secretary, capably typed and helped edit this monograph.

Acknowledgement is also due the Federal Government's Administration on Developmental Disabilities of the Office of Human Development Services for its financial support of the Project (Grant # 90 DD 0015). This assistance helped to lay the foundation for establishment of the National MR/DD Expenditure Data Base for annually monitoring MR/DD expenditures in the United States on a continuing basis.

An expression of special gratitude is due state MR/DD agency officials across the country. They reacted to and helped revise the initial fiscal data we extracted from their states' executive budget documents. Without their help, a study of this magnitude would simply not have been possible. With it, an important new source of data descriptive of MR/DD service systems in the United States has been created.

David Braddock, Ph.D., Director
MR/DD Expenditure Analysis Project
July 12, 1984

A SUMMARY OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES EXPENDITURES IN THE UNITED STATES: FY 1977-84 (Preliminary Data)

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A SUMMARY OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES EXPENDITURES IN THE UNITED STATES

SECTION I
A DESCRIPTION OF THE NATIONAL MR/DD EXPENDITURE ANALYSIS PROJECT

The Evaluation and Public Policy Division of the Institute for the Study of Developmental Disabilities at the University of Illinois at Chicago is conducting a comprehensive analysis of MR/DD funding in the 50 states and by the Federal Government. In collaboration with the Council of State Governments, and supported in part by a 24-month Project Grant of National Significance from the Administration on Developmental Disabilities, the Division is analyzing the record of MR/DD expenditures in the state executive budgets of each of the 50 states for the last eight years (FY 1977-`84). Federal Government MR/DD spending for 79 programs is being analyzed over a fifty-year period (FY 1935-`34).

The prime purpose of the project is to develop and test a methodology for accomplishing annual or biennial updates of MR/DD spending trends in the states and nationally. A second major purpose is to determine comparative funding levels and patterns for community and institutional services in the 50 states.

Analytic Procedure:
The 50-State Study

The procedure being used to obtain MR/DD state expenditure data has three steps. First, we obtained enough published state executive budgets to address the period of intended analysis: FY 1977-`84. (Most budget documents obtained reported expenditure figures for the preceding one or two fiscal years.) Each budget document was inspected for relevant MR/DD content. The relevant MR/DD sections of the budget were duplicated and filed on a state-by-state basis.

The second step involved constructing a "general state ledger" for each state using the same terminology employed by the state in the presentation of its executive budget. Again, the ledger covered the FY 1977-`84 time period. To make analysis manageable, initial attention was focused on recapitulating a summary of the principal state agency(ies) operating expenditures for MR/DD state institutions and community programs. This refers to the functional state agency equivalents of the MR/DD division in (usually) the Department of Mental Health and Mental Retardation. Title XX and ICF/MR reimbursement data were also obtained. Special Education and SSI/SSDI funds are excluded from the state-by-state data analysis at this time; however, Section VI presents a national expenditure summary of these important programs for FY 1977-`84.

The third analytical step consisted of implementing a comparative analysis to ascertain which operating funds have been deployed in the states between FY 1977 and FY 1984 for the provision of MR/DD community services; and which funds have been deployed to fund the operation of state MR/DD institutions. Community and institutional expenditures were further analyzed by the following revenue sources: State funds,, Federal Title XIX, Title XX, and Other Federal Funds. The published state budgets, of course, imperfectly break out community and institutional MR/DD expenditure figures and revenue sources. Therefore, Project staff have had extensive contacts with state fiscal and program personnel to refine and verify expenditure figures. This required mail and telephone surveys of the medical assistance and social services bureaucracies, in addition to state mental health and developmental disabilities agencies.

After fiscal data from the 50 states were obtained and fully verified, extensive computer graphics for each state were generated using an IBM-XT microcomputer-driven digital plotter. Technical notes were prepared accompanying the charts, detailing analytic methods and sources of expenditure figures. A comprehensive monograph series presenting data on the 50 states will be available in the Fall of 1984. Write to the Project Director for ordering information.

SECTION II
EXPENDITURE CATEGORIES AND OPERATIONAL DEFINITIONS EMPLOYED IN THE STUDY

OUTLINE OF THE STUDY'S EXPENDITURE CATEGORIES

The following outline delineates the "expenditure categories" used by the Project to classify state-federal MR/DD expenditure data for subsequent analysis.

INSTITUTIONAL SERVICES EXPENDITURES

- State Funds Subtotal
  - General Fund
  - Other State Funds
- Federal Funds Subtotal
  - Title XIX - ICF/MR
  - Title XX
  - Other Federal Funds

COMMUNITY SERVICES EXPENDITURES

- State Funds Subtotal
  - General Fund
  - Private ICF/MR State Share
  - Private ICF/MR County Share
  - Other State Funds
- Federal Funds Subtotal
  - Title XIX - ICF/MR
  - Private ICF/MR Federal Share
  - Title XX - Social Services Block Grant
  - Other Federal Funds

Each expenditure category listed above is described below, along with examples of variance in the states. Income maintenance (SSI/SSDI) and special education expenditures (P.L. 94-142) are excluded from the state-by-state analysis at the present time. However, Section VI of the Monograph presents nationwide expenditure figures for these important community programs.

BRIEF DESCRIPTIONS OF EXPENDITURE CATEGORIES

INSTITUTIONAL SERVICES EXPENDITURES

Institutional Services expenditures include state and federal funds for state-operated MR/DD institutions, developmental centers, training centers, state schools; and services for MR/DD persons served in state psychiatric hospitals. Funds budgeted in institutional accounts supporting group homes and related services located in the community are considered Community Services Expenditures. Institutional funds supporting group homes on institutional grounds are considered Institutional Services Expenditures. In some states, employee benefits such as health insurance and payroll taxes are budgeted in a state agency outside the Principal MR/DD Agency (such as the Comptroller's Office or Department of Personnel). These sums are included in the analysis as Institutional expenditures. Institutional services funds are classified into the following subcategories: State Funds (General Funds; Other State Funds) and Federal Funds (Title XIX; Title XX; Other Federal Funds).

STATE FUNDS SUB-TOTAL

General Fund: This subcategory includes funds annually or biennially budgeted by the state legislature as general revenue fund appropriations. Federal-Share ICF/MR reimbursements are analytically excluded. (These revenues are included below in the subcategory, Federal Funds-Title XIX).

Other State Funds. This category includes Special or Dedicated Revenues, proceeds from the sale of goods or services at facilities; and resident and/or family payments towards the cost of care. In some states, state ICF/MR matching funds are accounted for separately from the principal MR/DD agency's General Fund appropriations (e.g. in a special matching account). The Project categorizes the money in such accounts as Other State Funds.

FEDERAL FUNDS SUB-TOTAL

Title XIX. This category consists of Federal share ICF/MR revenue which the state receives as reimbursement for providing services to retarded people in Medicaid certified MR/DD Institutions, and in certified MR/DD units within psychiatric facilities.

Title XX . This includes Federal Title XX (Social Services), or, for FY '82 - FY '84, Social Services Block Grant (SSBG) Revenue which the State expends for MR/DD individuals.

Other Federal Funds. State executive budgets and/or budget officials report a variety of smaller Federal revenue sources, such as Vocational Education, ESEA Title I (P.L. 89-313), Foster Grandparents, Medicare (Title XVIII), and the School Lunch Program.

COMMUNITY SERVICES EXPENDITURES

Community Services Expenditures include a variety of state budget lines for 1) purchase of services from community-based providers of habilitation, day training, residential or other programs; 2) regional center operations; 3) state staff assigned to community service oversight or development; 4) respite care services; and 5) case management expenditures. Community Services funds are classified into the following expenditure subcategories: State Funds (General Fund; Other State Funds; Private ICF/MR State Share; Private ICF/MR County Match); and, Federal Funds (Title XIX-ICF/MR; Private ICF/MR Federal Share; Title XX-SSBG; Other Federal Funds).

STATE FUNDS SUB-TOTAL

General Fund. This subcategory includes the state's annually or biennially budgeted general revenue appropriations for the various community services expenditure items which the state's principal MR/DD agency manages. The States' matches for Title XX and for Title XIX-ICF/MR funds are usually appropriated as state General Funds. In addition to the community services funds which the state MR/DD agency manages, this category includes Private ICF/MR State Share expenditures, even if these facilities are managed by another state agency, such as a Department of Public Welfare, Social Services, or Medical Assistance.

Other State Funds. This category includes the Title XX or Title XIX state match when this match is provided by local/private/county sources; or, by state agencies other than the MR/DD Principal State Agency (e.g. Departments of Welfare, Medical Assistance, Social Services). Title XIX and Title XX state matches--when these funds are budgeted by the Principal State Agency in a special account other than the General Fund--are also categorized here. Also included here are non-General Fund state revenue sources such as a state's special dedicated taxes; and client fees. If the state provides for a county share as a match to Federal ICF/MR reimbursements of private facilities, the Private ICF/MR County Share is included in this category.

FEDERAL FUNDS SUB-TOTAL

Title XIX . This category includes Federal reimbursement from state-operated, but community-based, group homes. Also included is Title XIX Community Care Waiver reimbursement. (As noted above, the State Match to ICF/MR Group Homes or Waiver reimbursement is within the General Fund figures, unless this match is budgeted by another state agency, in which case it is included within the Other State Funds category.) If the state provides reimbursement to Private ICF/MR facilities, the Private ICF/MR-Federal Share is categorized here.

Title XX . This category includes federal revenues for social services programs which the State identifies as specifically serving MR/DD individuals. In FY 1982, the Federal Title XX Social Services Program was reorganized by the Federal Government as the "Social Services Block Grant." Thus, data for FY 1977-`81 reflect Title XX reimbursements; data for FY 1982-`84 show Block Grant expenditures identified by the state for MR/DD purposes.

Other Federal Funds. This category includes Federal DD Act funds when these monies are administered by the Principal State MR/DD Agency. Federal DD Act monies are not included in this category in states which administer DD Act funds through other state agencies, such as the Governor's Executive Office or the Crippled Children's Bureau. The Other Federal Funds category also includes Foster Grandparents, Title I, Vocational Education, School Lunch, and other relatively small Federal programs and special project grant funds.

ADDITIONAL OPERATIONAL DEFINITIONS

"Principal State MR/DD Agency": The state department, agency, division, bureau, office or other administrative subdivision primarily responsible for planning, funding and managing institutional and community services to MR/DD persons (exclusive of special educational services). In most states the agency is the MR/DD Division within the state's Department of Mental Health and Mental Retardation. Some states, however, divide institutional and community services responsibility between two separate Departments. In cases such as these the Principal State MR/DD Agency conceptually includes both departmental components.

"Capital Expenditures": Funds deployed for institutional construction or for non-routine renovation projects and equipment purchases in institutions are excluded. Bond issues or other capital initiatives in community services are excluded. However, "capital" costs included in reimbursement per diems, or in grants-in-aid to private community services providers which are for regular repair and maintenance, mortgage reimbursement, or lease/rental, are considered operational costs and are included in the analysis. Routine facility or campus repair and maintenance lines in institutional facility budgets are considered operations expenditures and thus are included in the analysis.

"Administration": Central office administration is excluded; regional, field service, area, or other local support offices providing community program development services are included; administrative services at state-operated institutions, such as superintendents' offices, are also included in the analysis.

SECTION III
FOREVIEW OF THE MONOGRAPH

The monograph contains four subsequent major sections, Sections IV through VII. These sections display a variety of digitally plotted graphics illustrating MR/DD expenditure trends in the United States over the FY 1977-`84 period.

Section IV, the United States Chart Series, presents 34 charts depicting expenditure data aggregated across the 50 states for the eight year period. The "General Series" displays comparative institutional and community services fiscal data by revenue source (state general funds, Title XIX, Title XX); and by level of government (state or federal). Next, the "ICF/MR Series" fiscally describes the Title XIX-ICF/MR Program. These charts are followed by the "Derived Indices Series," which measures the percentages of the nation's personal income expended for MR/DD programs, for each of the 50 states, ranked highest to lowest. A similar trio of charts then ranks states in terms of MR/DD expenditures per member of the states' general populations.

Section V of the Monograph, the Regional Chart Series, graphically depicts in a series of 11 line charts the ratio of institutional expenditures per dollar of community expenditures for each state. The line charts are organized by Federal region. A single composite chart depicts the ten regional ratios.

Section VI of the Monograph contains the "Supplementary Chart Series." This section depicts recent FY 1977-`84 nationwide fiscal trends and service statistics in income maintenance and special education programs, including Supplemental Security Income (SSI), Social Security Disability Insurance (SSDI); and Public Law 94-142. It is important to point out that unlike all other fiscal data in this Monograph, nationwide expenditure figure for these three programs were obtained from Federal Government, and not from state sources. MR/DD expenditures were estimated by applying financial extrapolation techniques to nationwide expenditures, based on verified MR/DD program participation data. These charts are included for informational purposes because of the significant role the programs play in financing community services for MR/DD persons in the United States.

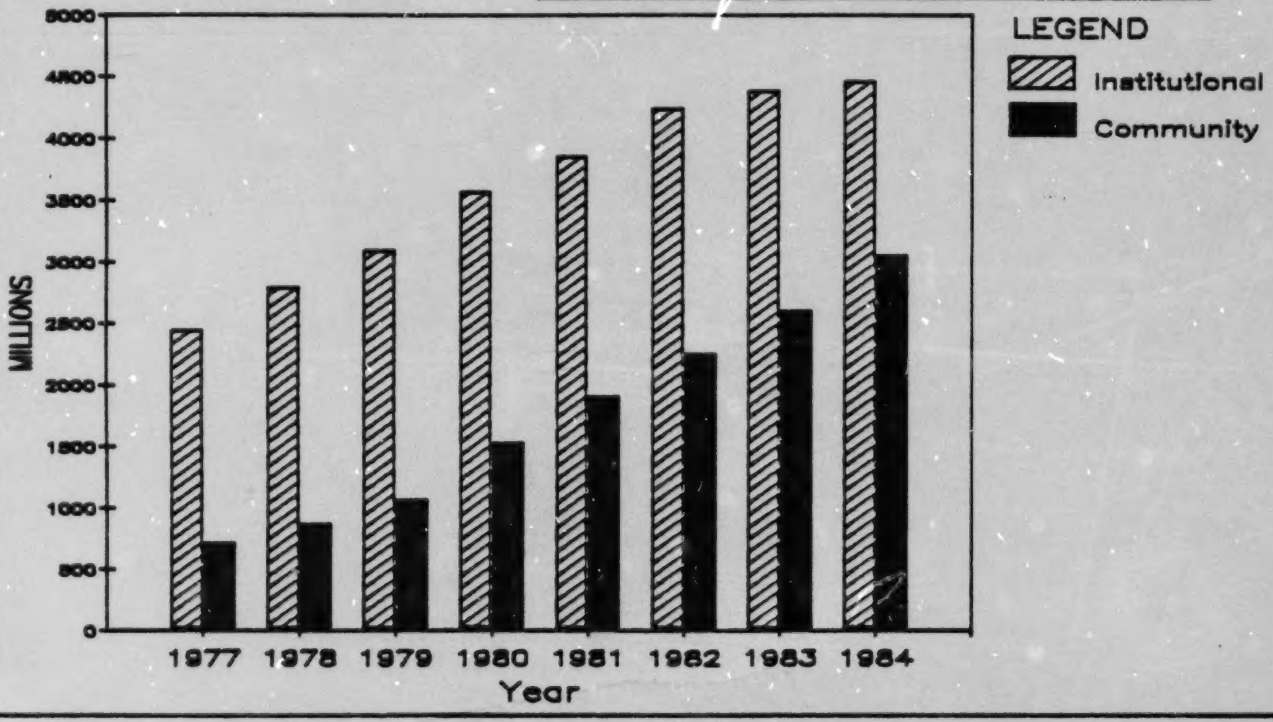
Section VII presents 50 state-by-state bar charts summarizing comparative institutional and community services expenditures for FY 1977-`84. The states' charts are organized alphabetically and do not include SSI/SSDI and special education expenditures.

Finally, the reader should note that in many instances charted data are presented both in unadjusted and in constant (1977) dollars. Deflating expenditures to constant dollars measures fiscal growth in real economic terms.

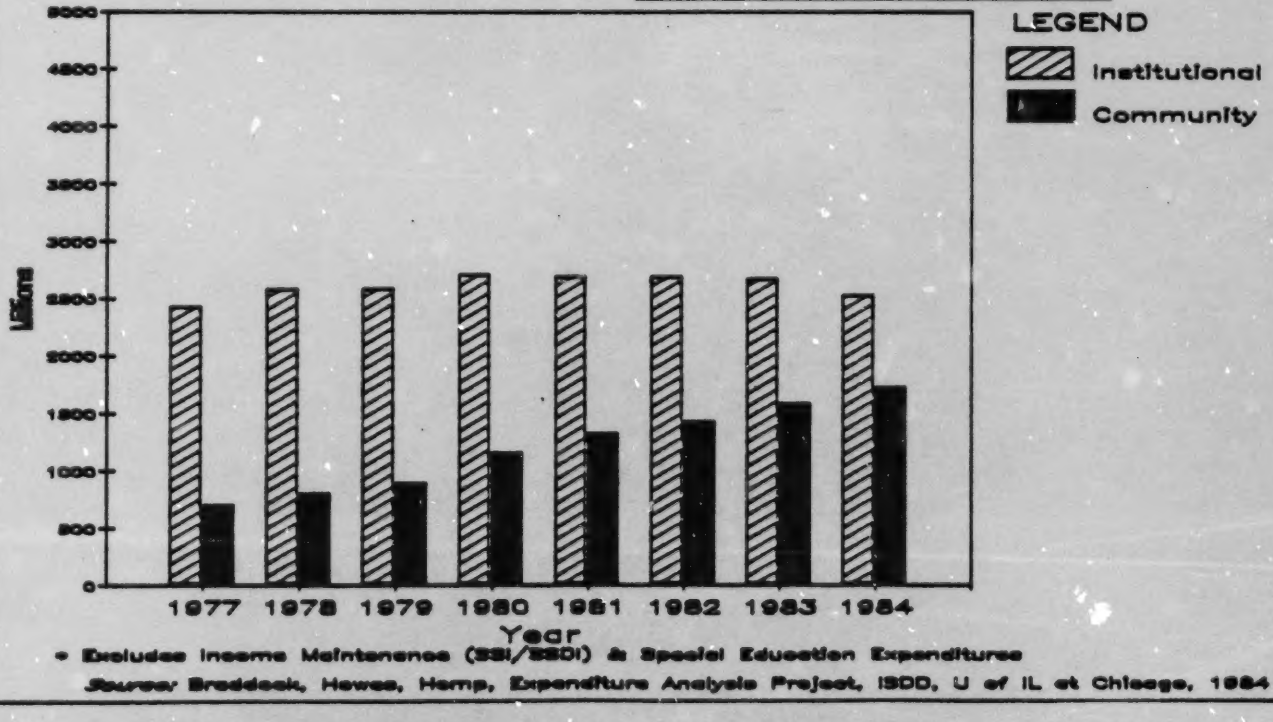
SECTION IV
UNITED STATES CHARTS

- General Series

UNITED STATES
Comparative Annual MR/DD Expenditures for *Institutional & Community** Services
FY 1977–1984, *In Unadjusted Dollars*



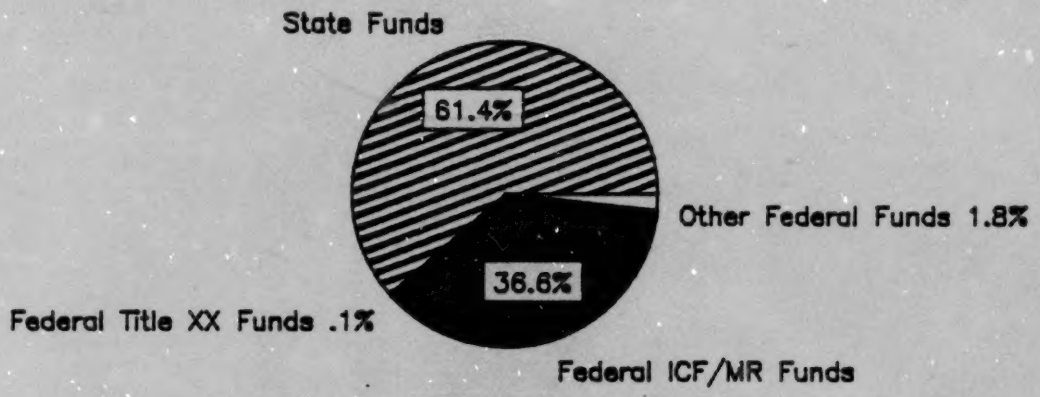
FY 1977–1984, *In 1977 Dollars*



* Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

Source: Braddock, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

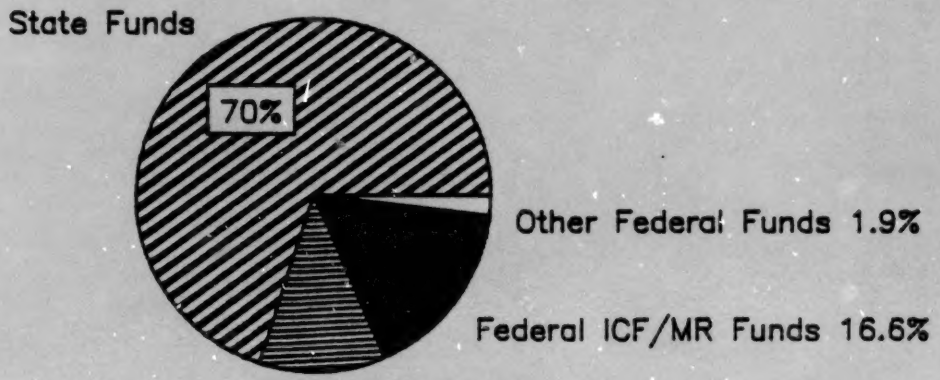
UNITED STATES
Eight Year Total MR/DD Expenditures By Revenue Source: FY 1977–1984
Institutional Services Funds



Total Institutional Dollars: $ 28.9 Billion

Community Services Funds

(Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures)



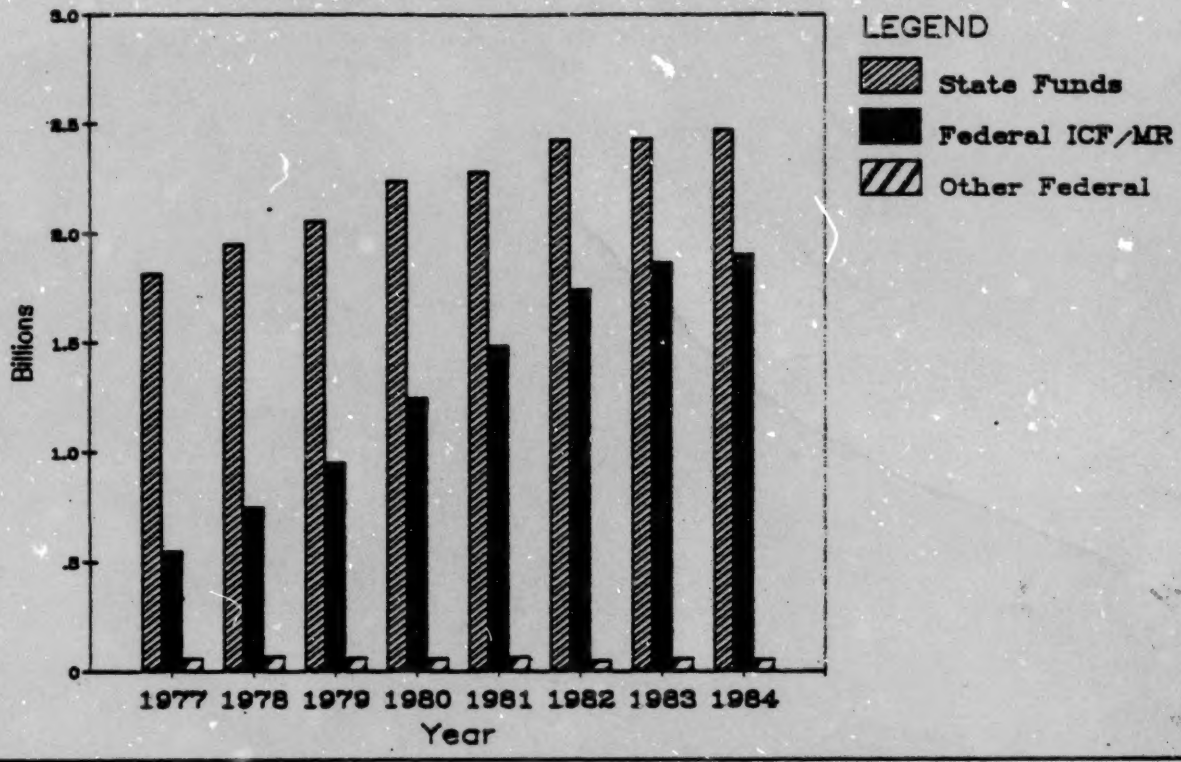
Total Community Dollars: 13.9 Billion

Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

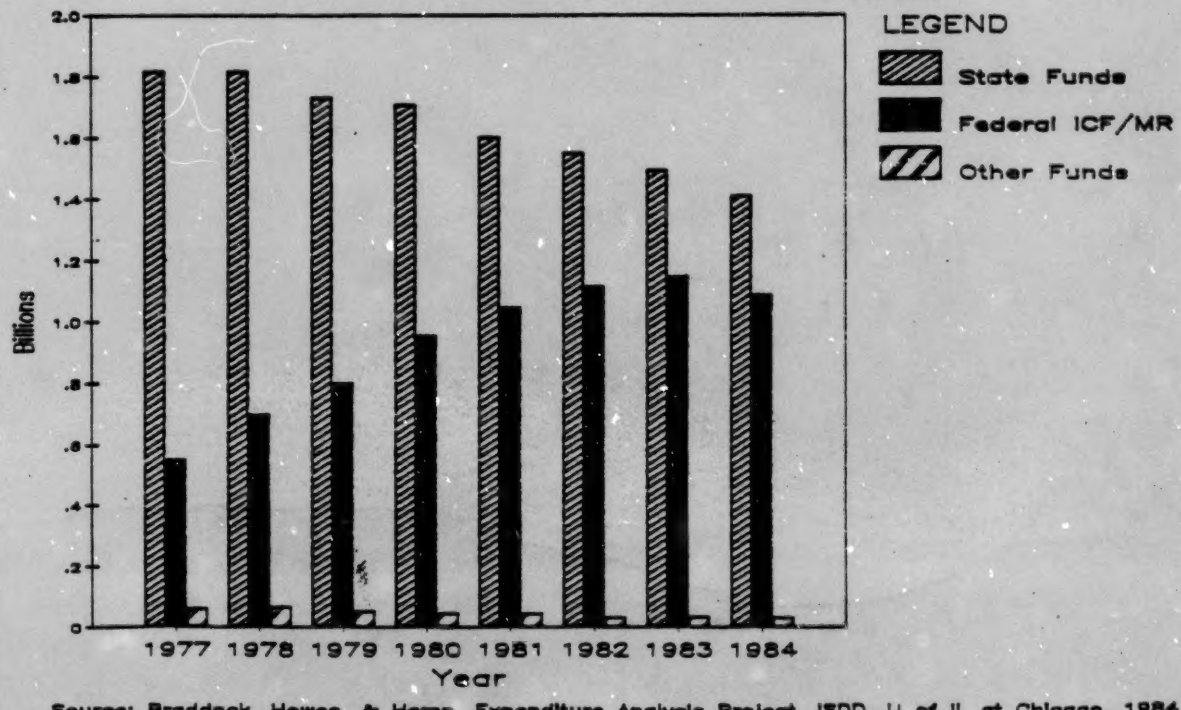
UNITED STATES

MR/DD Expenditures for Institutional Services: A Comparison of State & Federal Funding

FY 1977–84 *In Unadjusted Dollars*

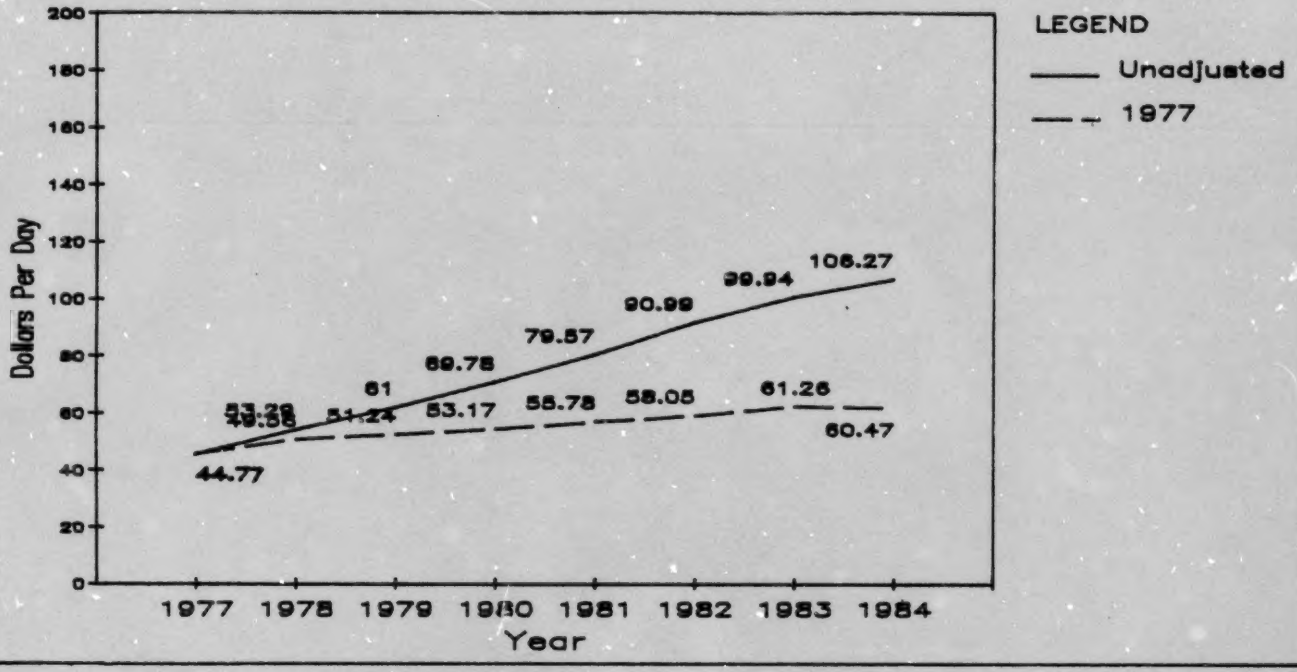


FY 1977–84 *In 1977 Dollars*

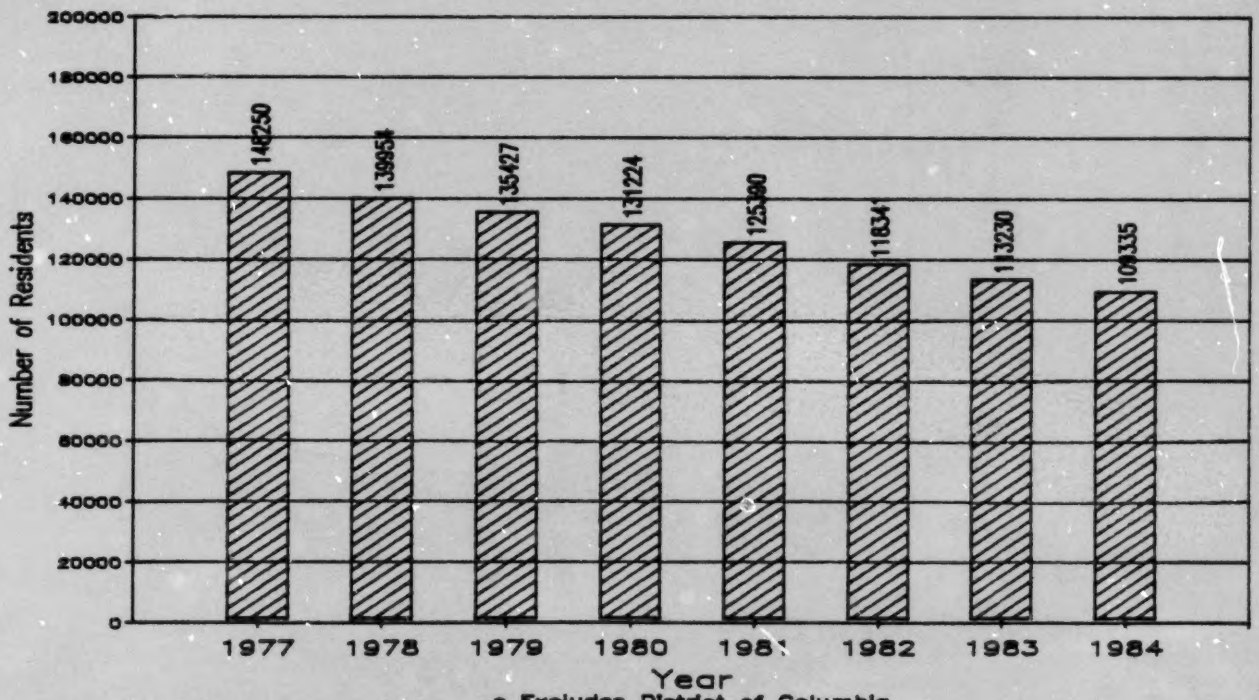


Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES*
Daily Expenditures Per Resident in Public MR/DD Institutions: FY 1977–84
In Unadjusted & 1977 Dollars



Average Daily Residents in Institutions FY 1977–1984

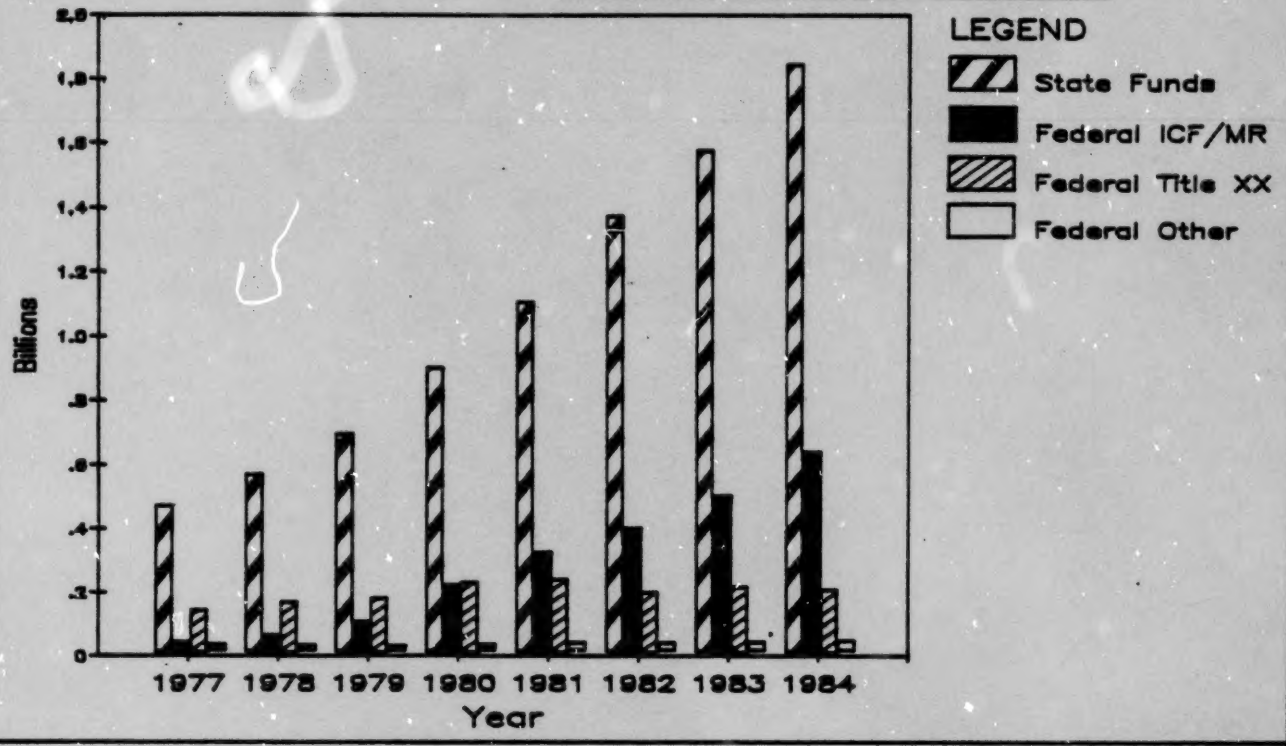


* Excludes District of Columbia

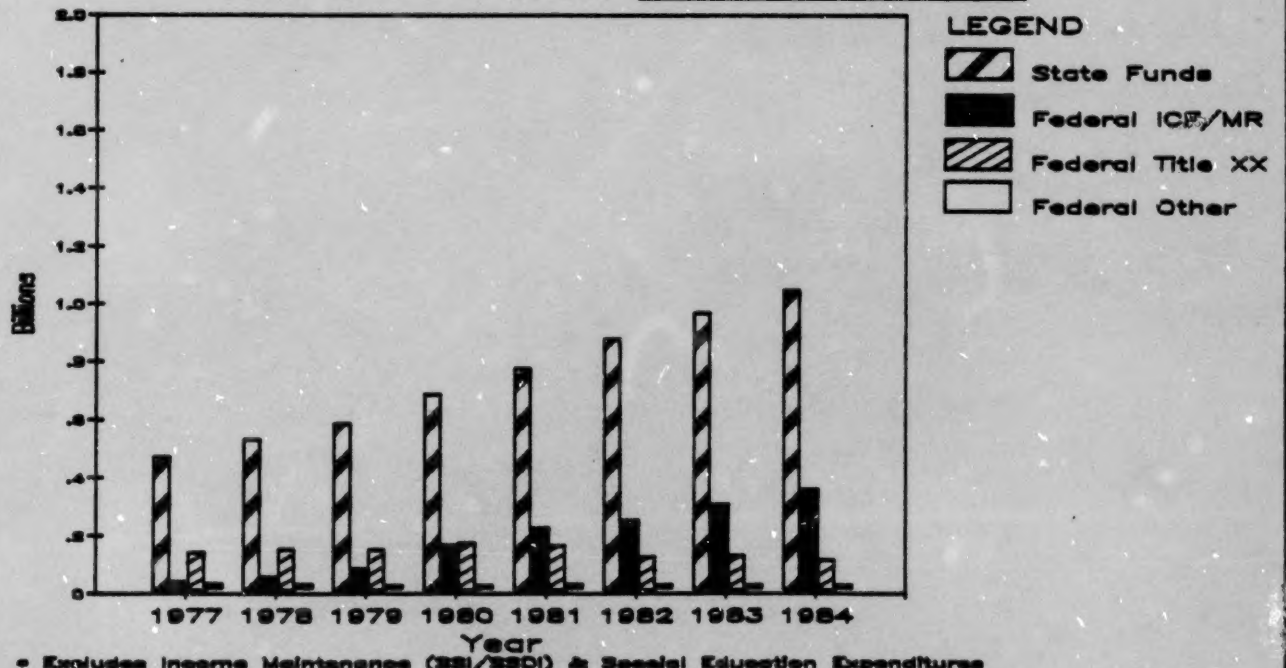
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

MR/DD Expenditures for *Community** Services: A Comparison of State & Federal Funding FY 1977–1984, *In Unadjusted Dollars*



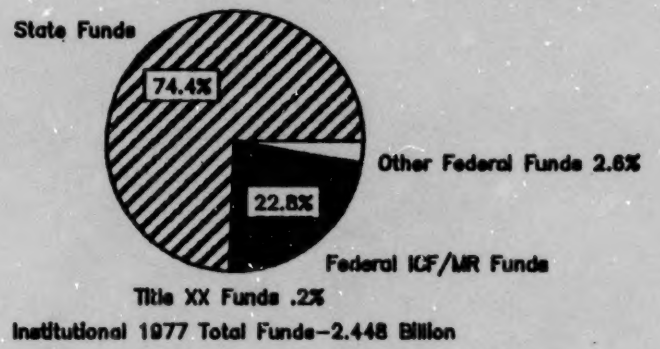
FY 1977–1984, *In 1977 Dollars*



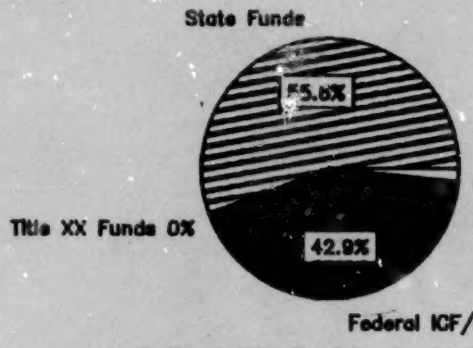
* Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

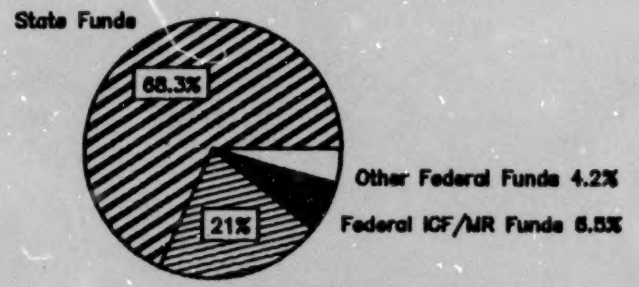
UNITED STATES
MR/DD Expenditures for *Institutional* & *Community** Services: A Comparison of State and Federal Funding FY 1977 & 1984



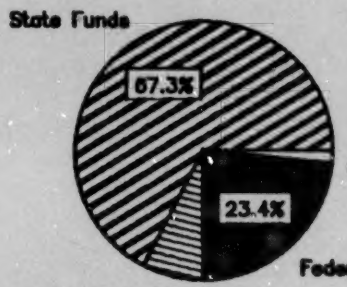
Institutional 1977 Total Funds–2.448 Billion



Institutional 1984 Total Funds–4.468 Billion



Community 1977 Total Funds–.715 Billion



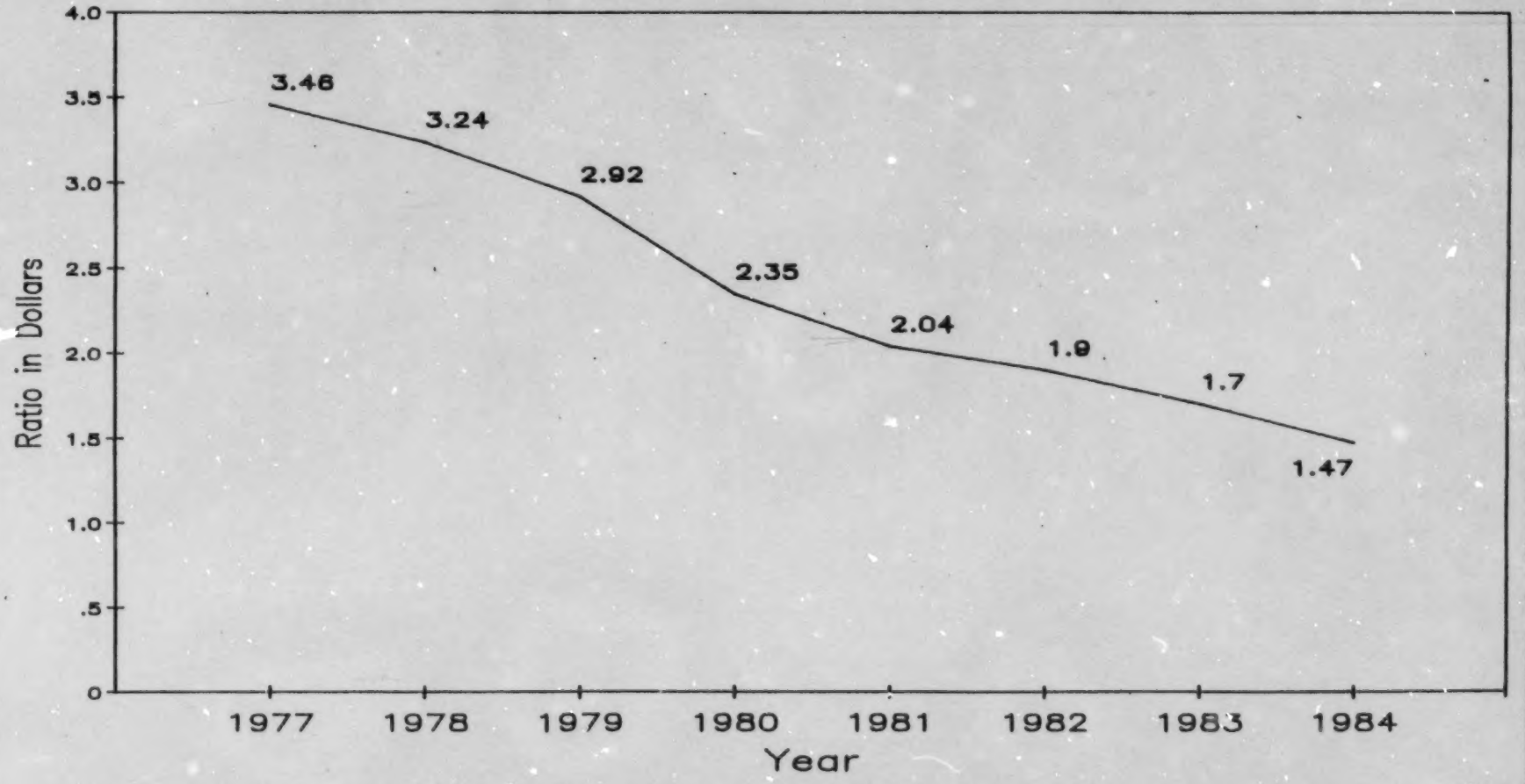
Community 1984 Total Funds–3.053 Billion

*Excludes Income Maintenance (SSI/SSDI) & Special Ed. Funds; Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chgo, 1984

UNITED STATES

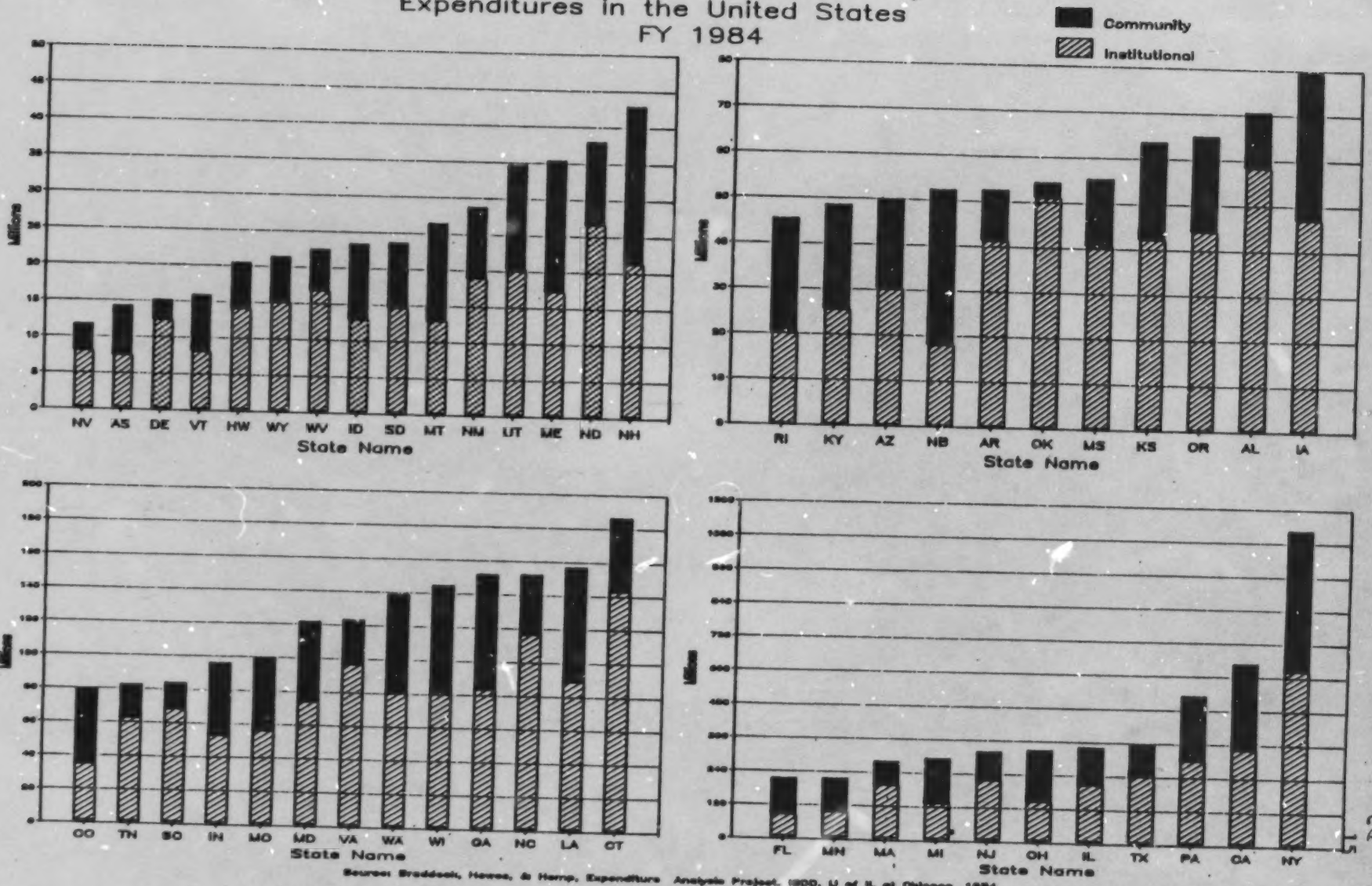
Ratio of MR/DD Institutional Expenditures Per Dollar of Community Services Funding: FY 1977—1984

(Includes State General Funds, ICF/MR Reimbursements, & Title XX)



Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Institutional & Community
Expenditures in the United States
FY 1984


Community
Institutional
Millions
NV AS DE VT HW WY WV ID SD MT NM UT ME ND NH
State Name
RI KY AZ NB AR OK MS KS OR AL IA
State Name
CO TN SO IN MO MD VA WA WI GA NC LA CT
State Name
FL MN MA MI NJ OH IL TX PA CA NY
State Name

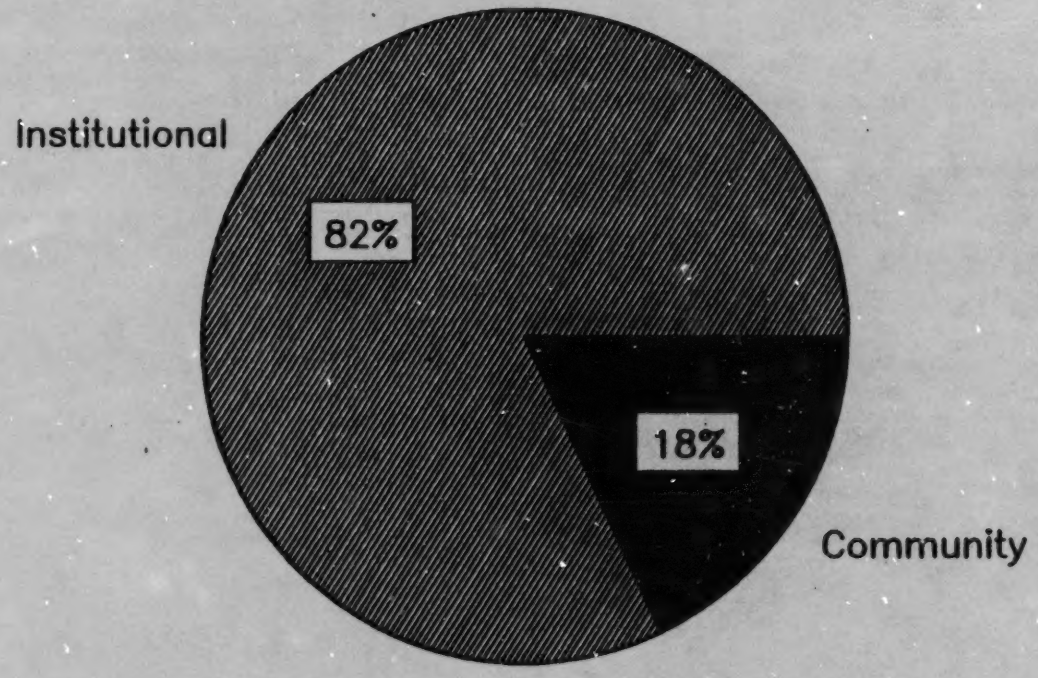
Source: Braddock, Hawes, & Hemp, Expenditure Analysis Project, 1980, U of IL at Chicago, 1984

SECTION IV
UNITED STATES CHART SERIES

- **Title XIX Chart Series**

UNITED STATES

Cumulative Federal ICF/MR Reimbursements In Institutional & Community Settings FY 1977–1984

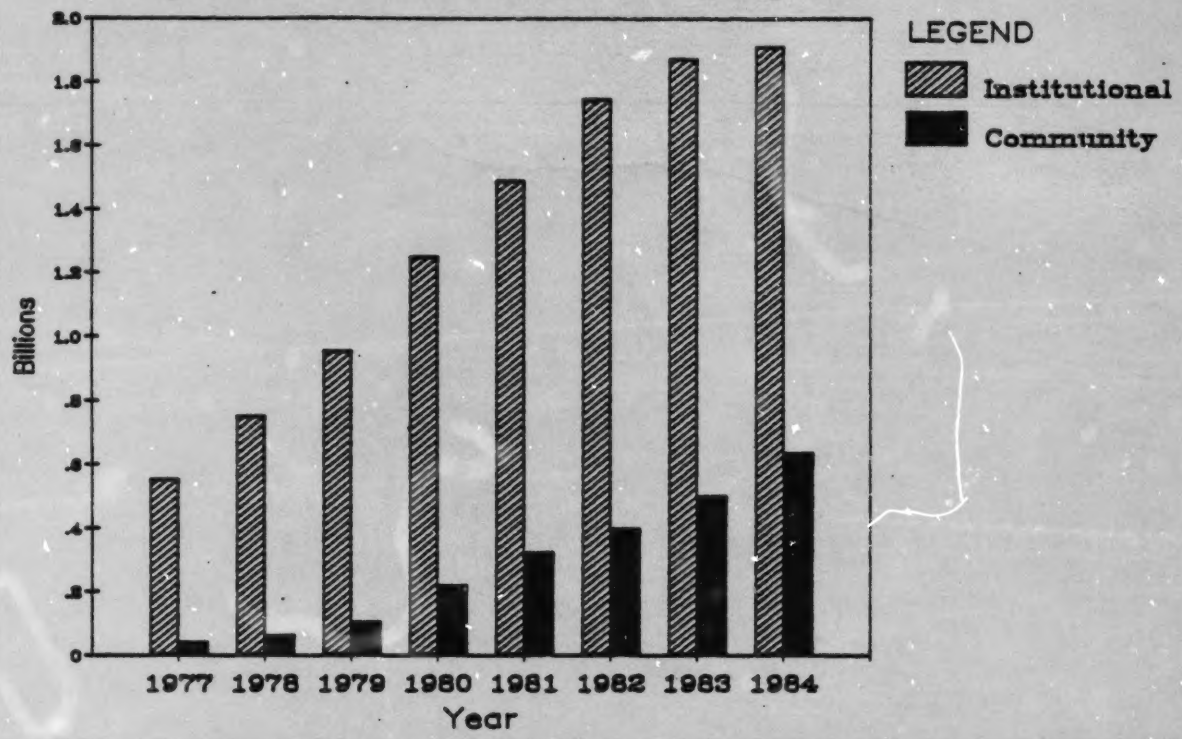


Total Dollars: $12.9 Billion

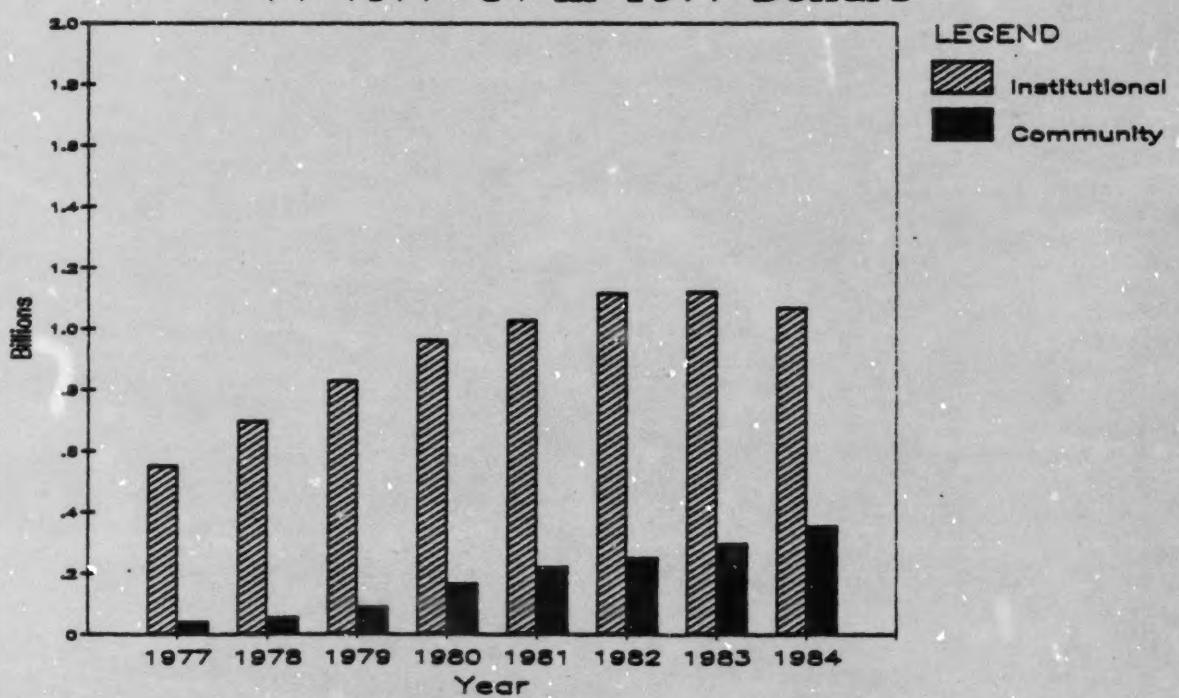
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

16

UNITED STATES
Comparative Federal Institutional & Community Expenditures for the ICF/MR Program, FY 1977–84 *In Unadjusted Dollars*



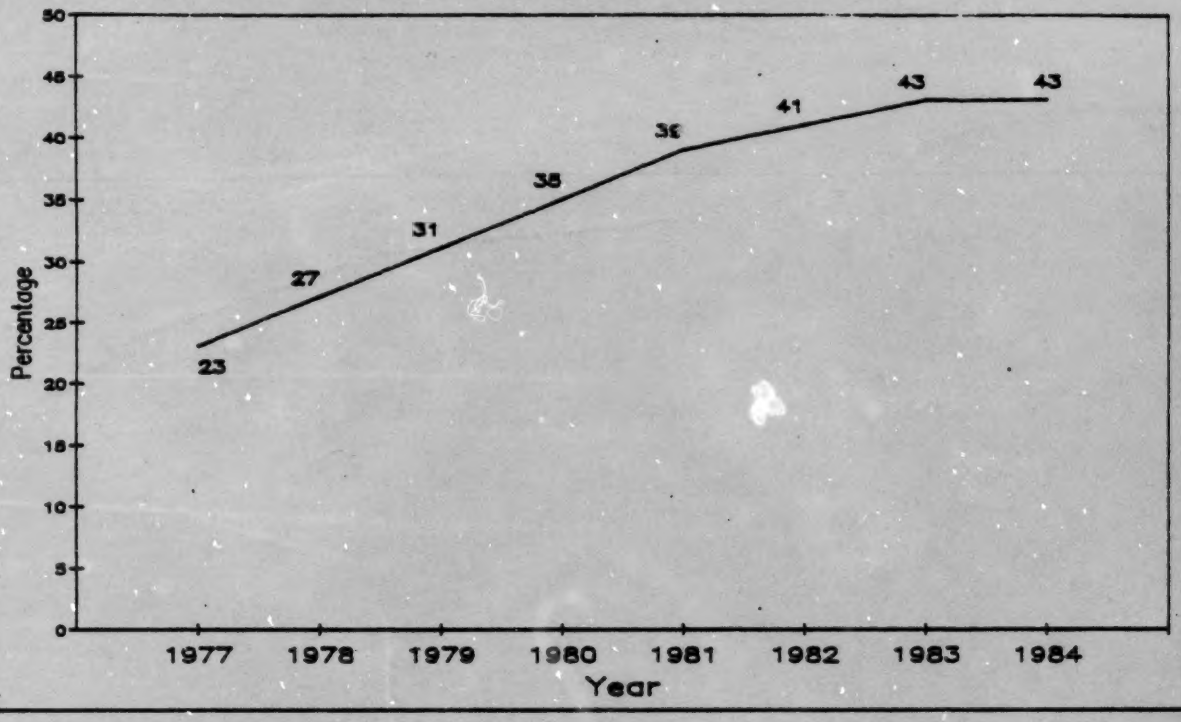
FY 1977–84 *In 1977 Dollars*



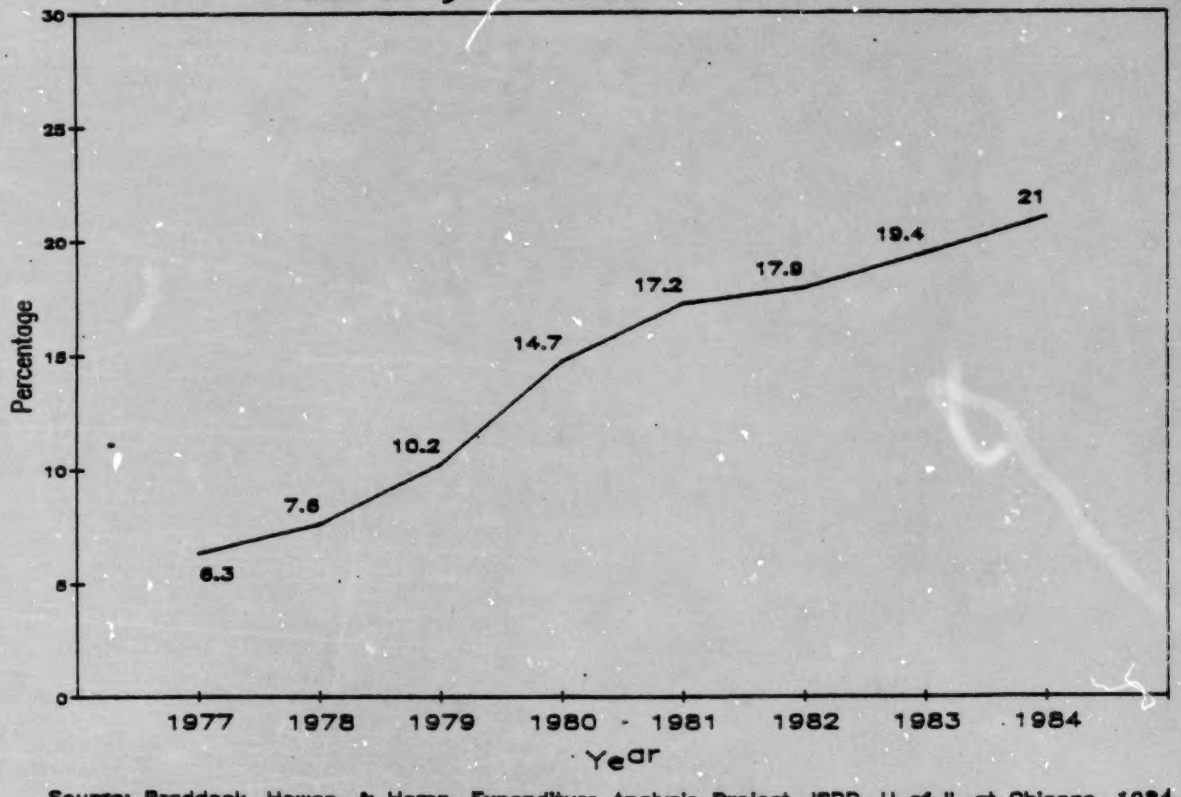
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

The Growth of Federal ICF/MR Reimbursements as a Percentage of Total State–Federal Expenditures for *Institutional Services:* FY 1977–84



Community Services: FY 1977–1984

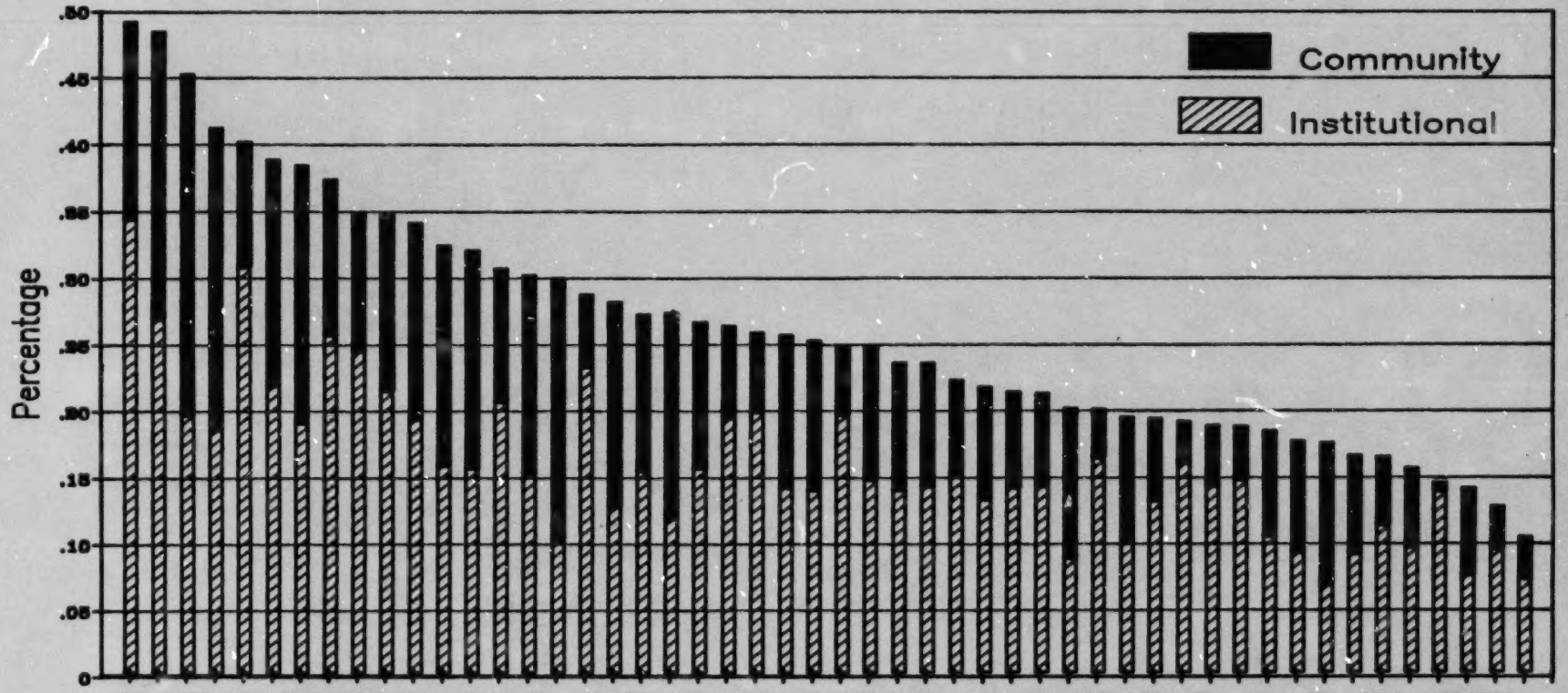


Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

SECTION IV
UNITED STATES CHARTS SERIES

- Derived Indices: MR/DD Share of Personal Income/ Per Capita/Total State Budget

UNITED STATES
MR/DD Expenditures for *Institutional & Community** Services as a Percentage of Personal Income: FY 1984

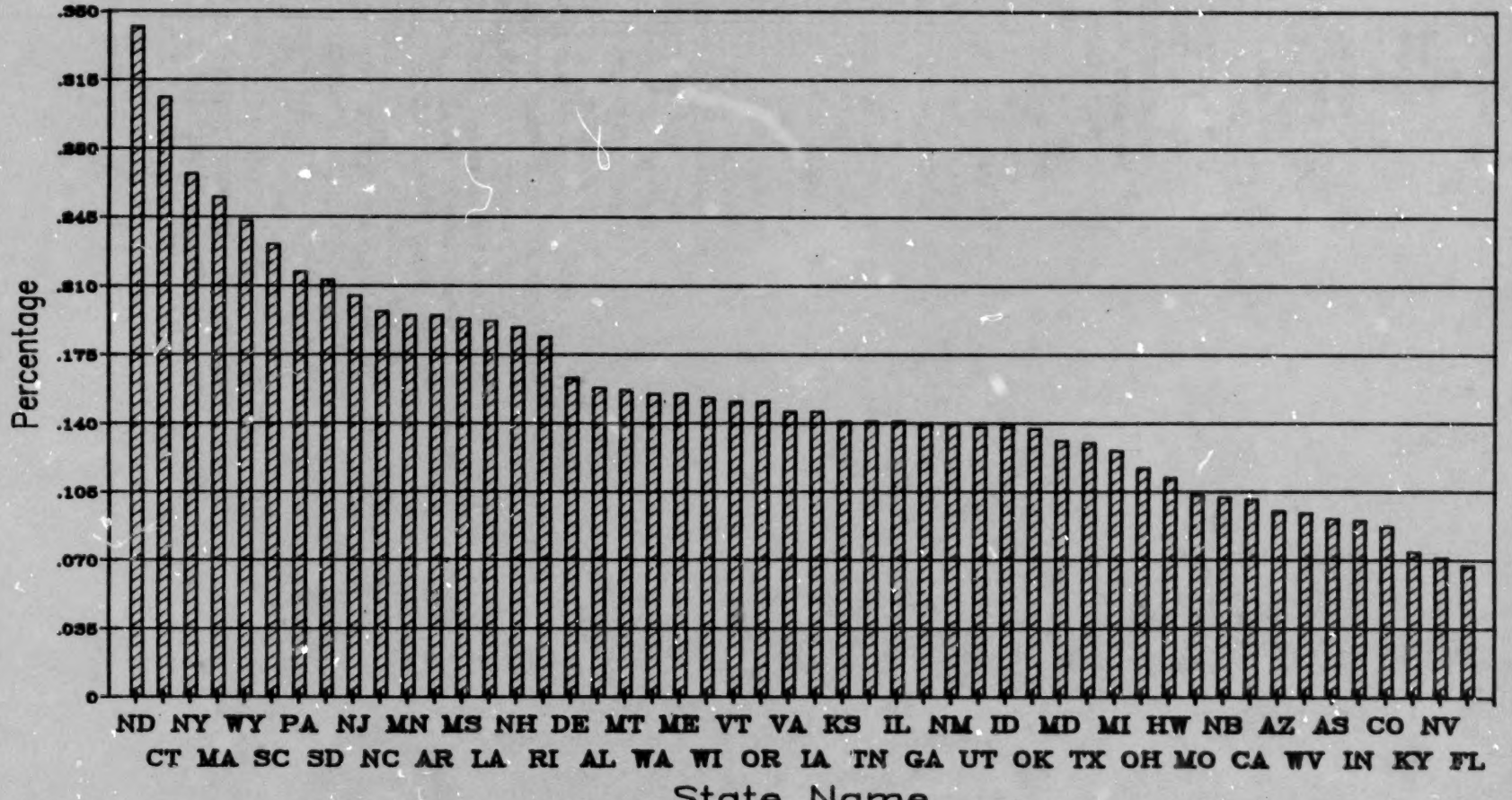


*Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

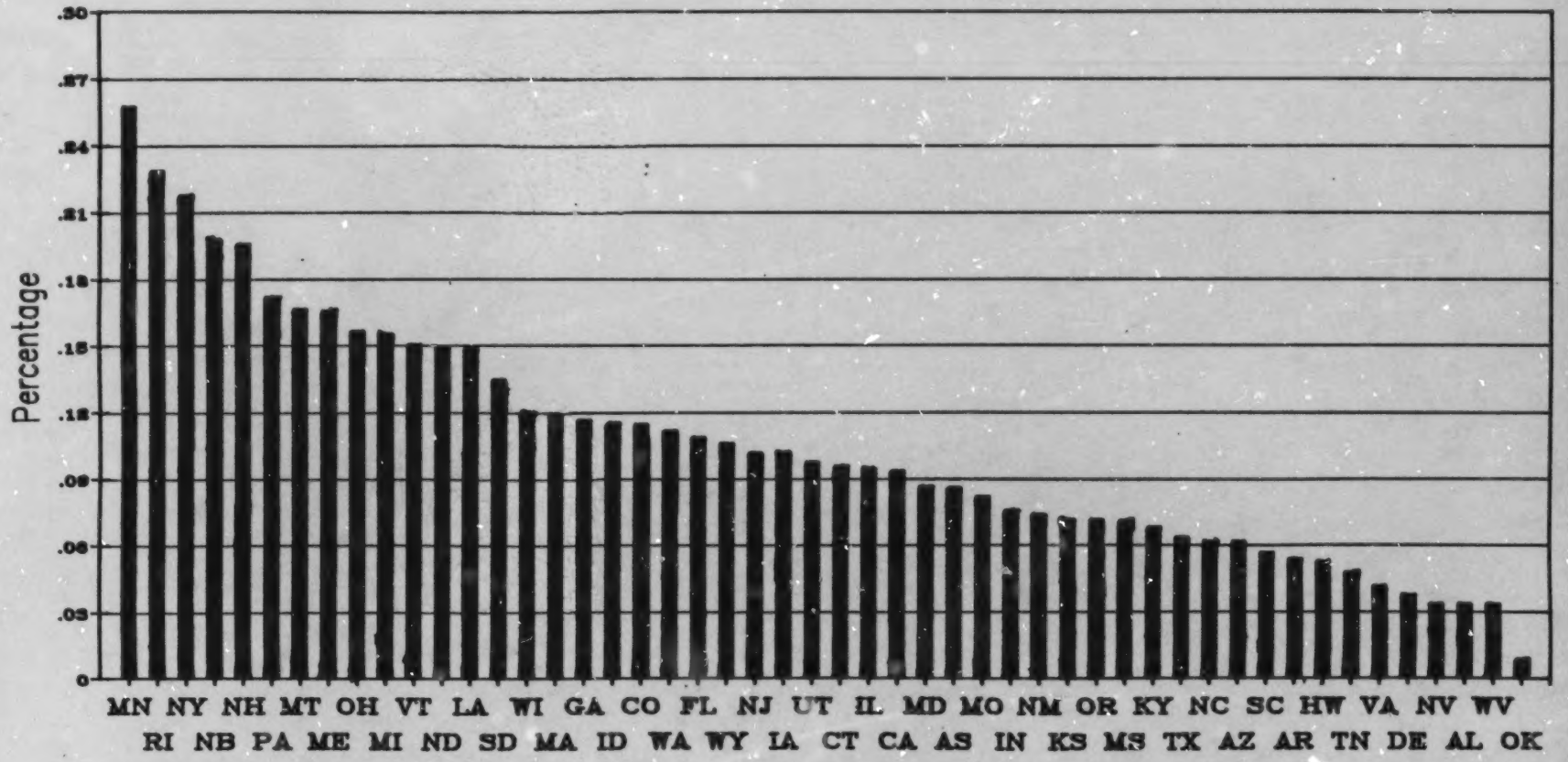
16

UNITED STATES
MR/DD Expenditures for Institutional Services as a Percentage of Personal Income: FY 1984


Percentage
.350
.315
.280
.245
.210
.175
.140
.105
.070
.035
0
ND NY WY PA NJ MN MS NH DE MT ME VT VA KS IL NM ID MD MI HW NB AZ AS CO NV
CT MA SC SD NC AR LA RI AL WA WI OR IA TN GA UT OK TX OH MO CA WV IN KY FL
State Name

Source: Braddock, Howes & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES
MR/DD Expenditures for *Community** Services as a Percentage of Personal Income: FY 1984

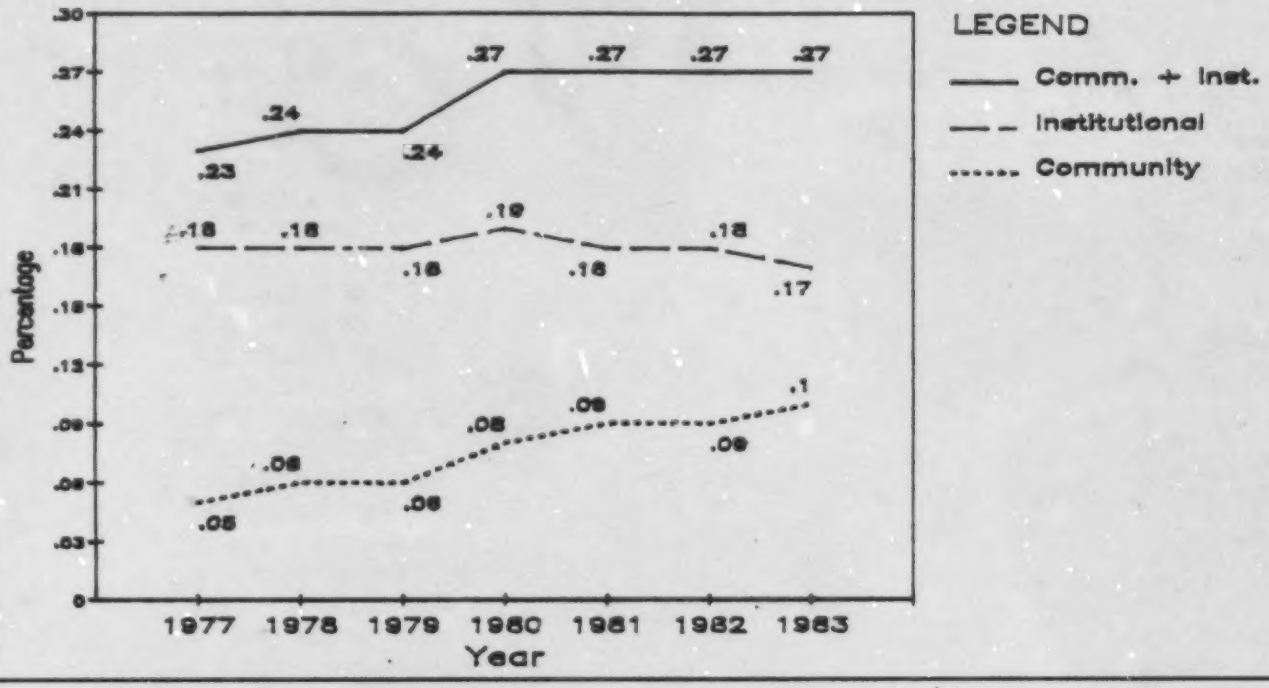

.30
.27
.24
.21
.18
.15
.12
.09
.06
.03
0
Percentage
MN NY NH MT OH VT LA WI GA CO FL NJ UT IL MD MO NM OR KY NC SC HW VA NV WV
RI NB PA ME MI ND SD MA ID WA WY IA CT CA AS IN KS MS TX AZ AR TN DE AL OK
State Name

*Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

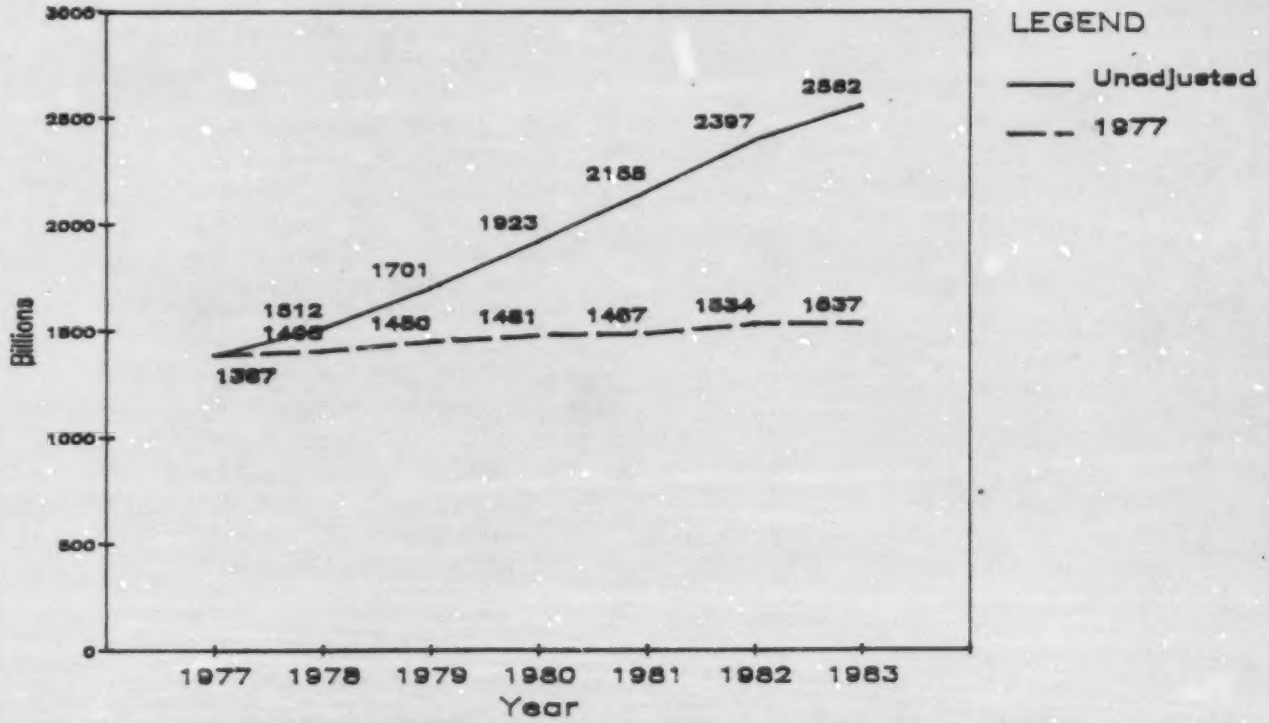
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

MR/DD Expenditures for *Institutional & Community* Services as a Percentage of Personal Income: FY 1977–1983



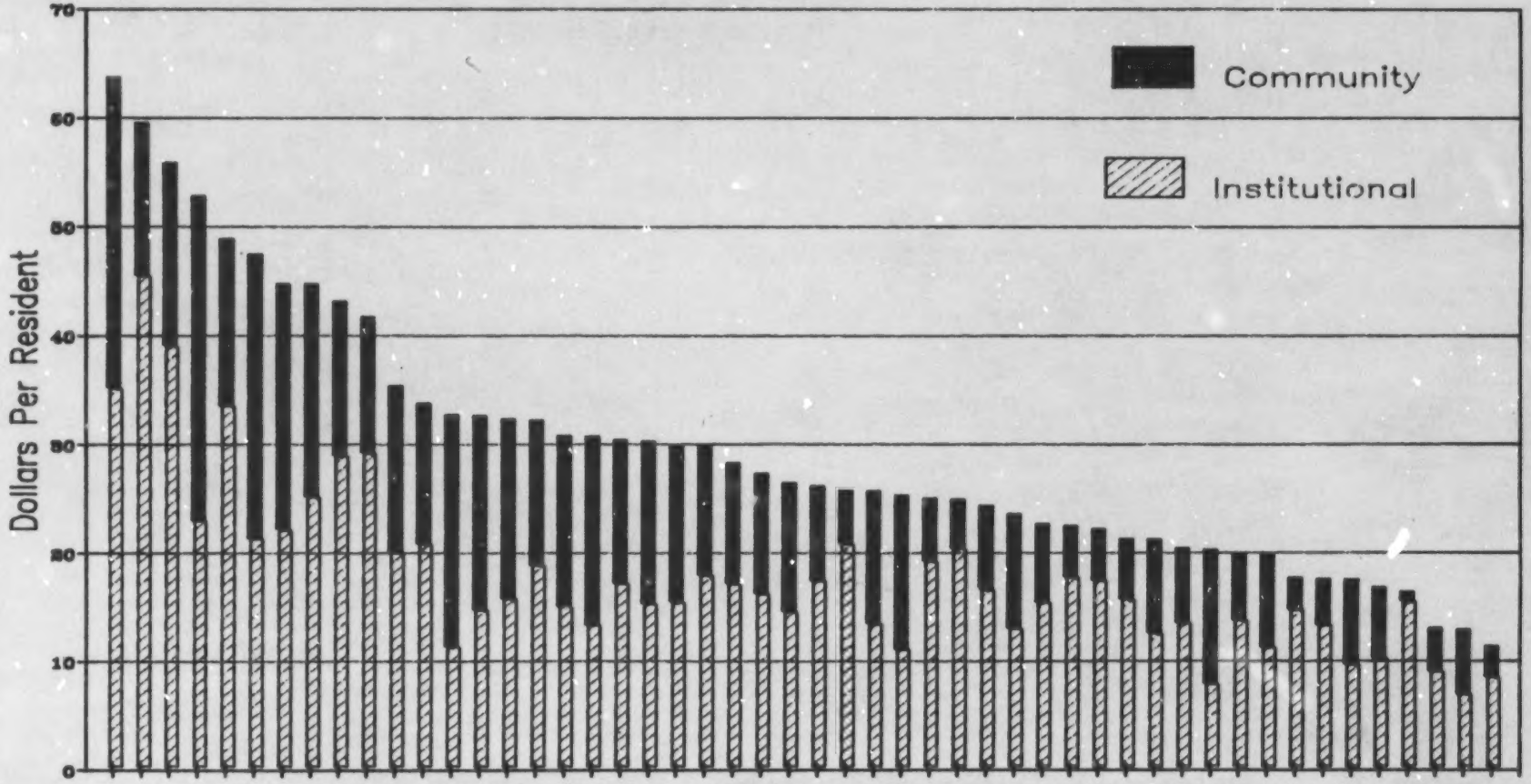
Personal Income Expressed in *Unadjusted* and *1977* Dollars: FY 1977–1983



Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

MR/DD *Institutional & Community** Services Expenditures Per Resident of the States' General Populations: FY 1984


70
60
50
40
30
20
10
0
Dollars Per Resident
Community
Institutional
NY ND MA NH NJ LA NB MT ME WI AS MD GA SC CO DE ID AR MS NM HW AL IN OK KY
CT MN RI PA WY SD MI WA OH VT IL IA KS CA NC OR TX VA UT FL MO TN AZ NV WV
State Names

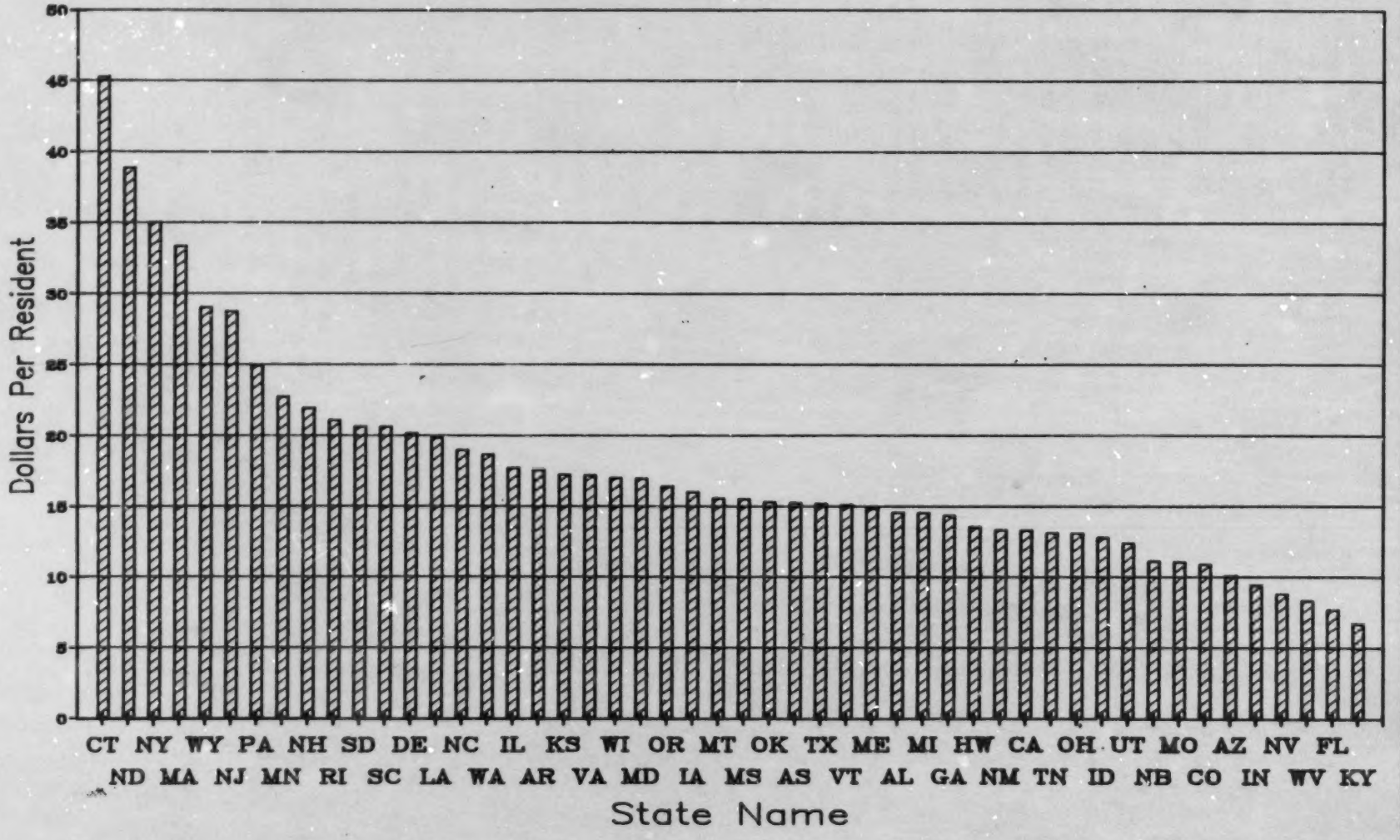
*Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

23

UNITED STATES

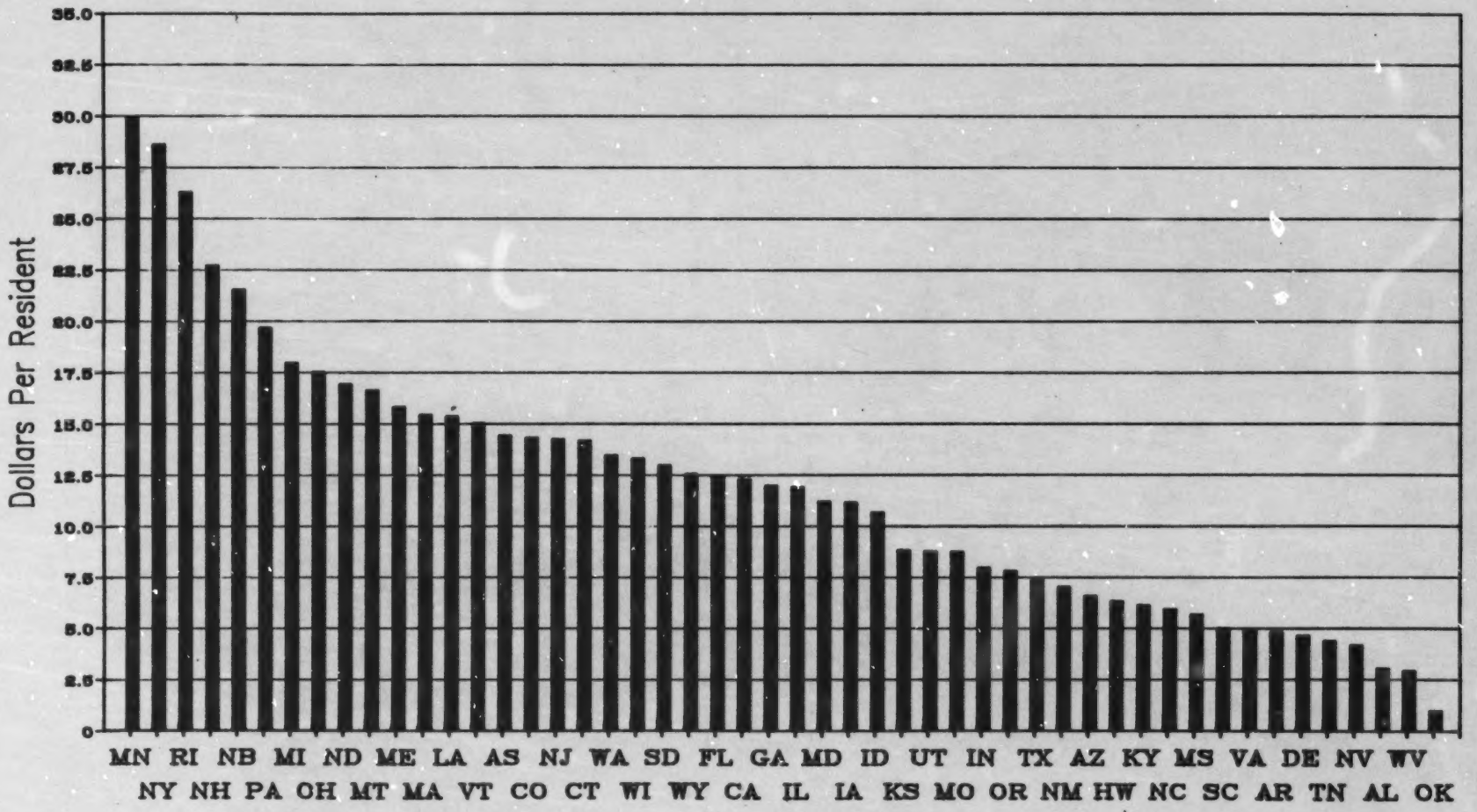
MR/DD *Institutional* Services Expenditures Per Resident of the States' General Populations: FY 1984


Dollars Per Resident
0
5
10
15
20
25
30
35
40
45
50
CT NY WY PA NH SD DE NC IL KS WI OR MT OK TX ME MI HW CA OH UT MO AZ NV FL
ND MA NJ MN RI SC LA WA AR VA MD IA MS AS VT AL GA NM TN ID NB CO IN WV KY
State Name

Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

MR/DD *Community** Services Expenditures Per Resident of the States' General Populations: FY 1984

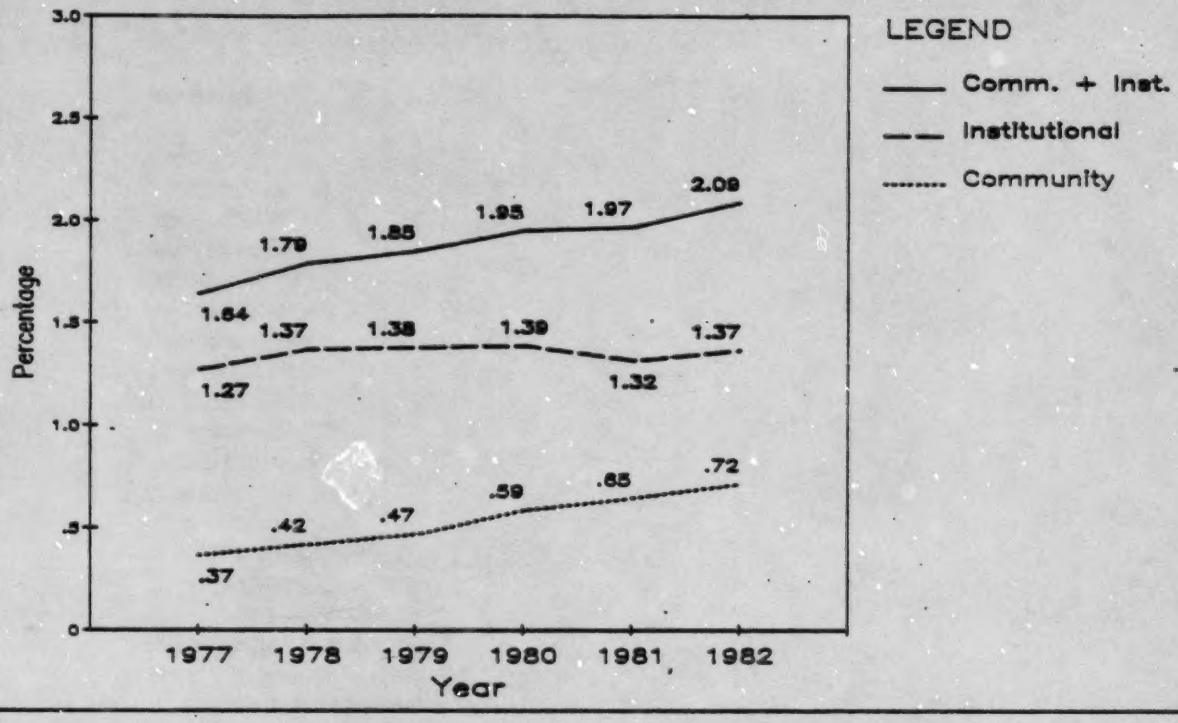


*Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

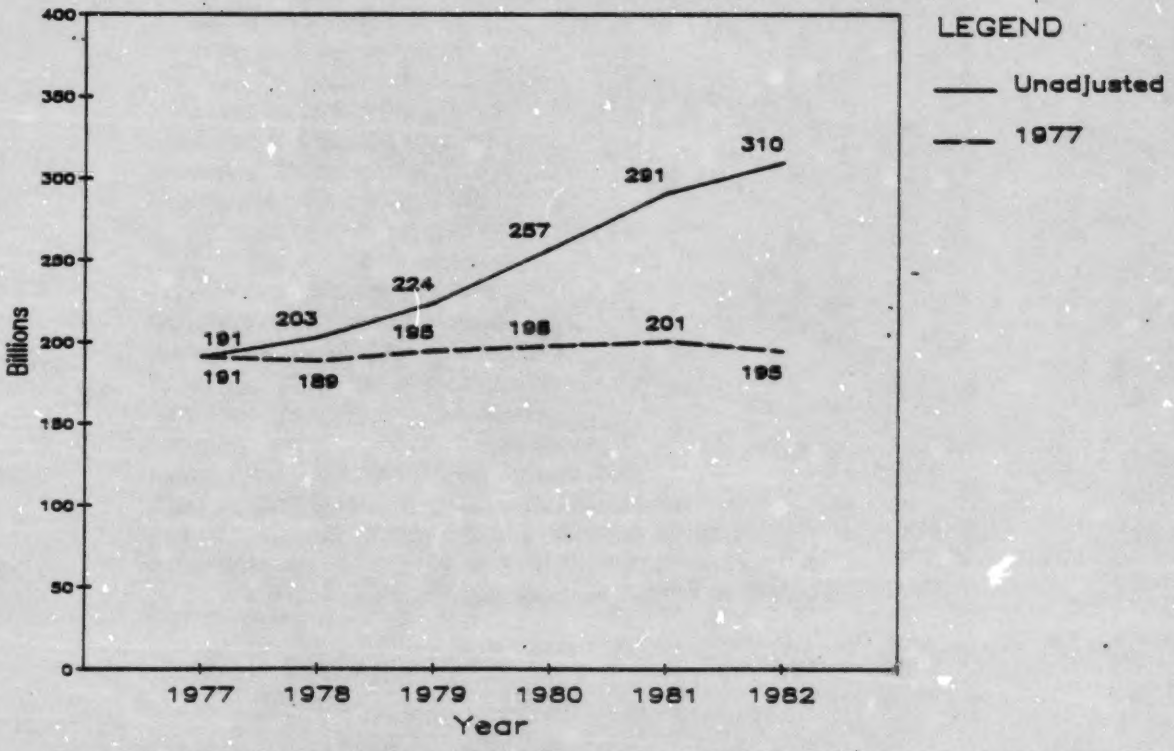
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

Relative Growth of MR/DD Expenditures for Institutional & Community Services as a Percentage of the Total State Budget. FY 1977–1982



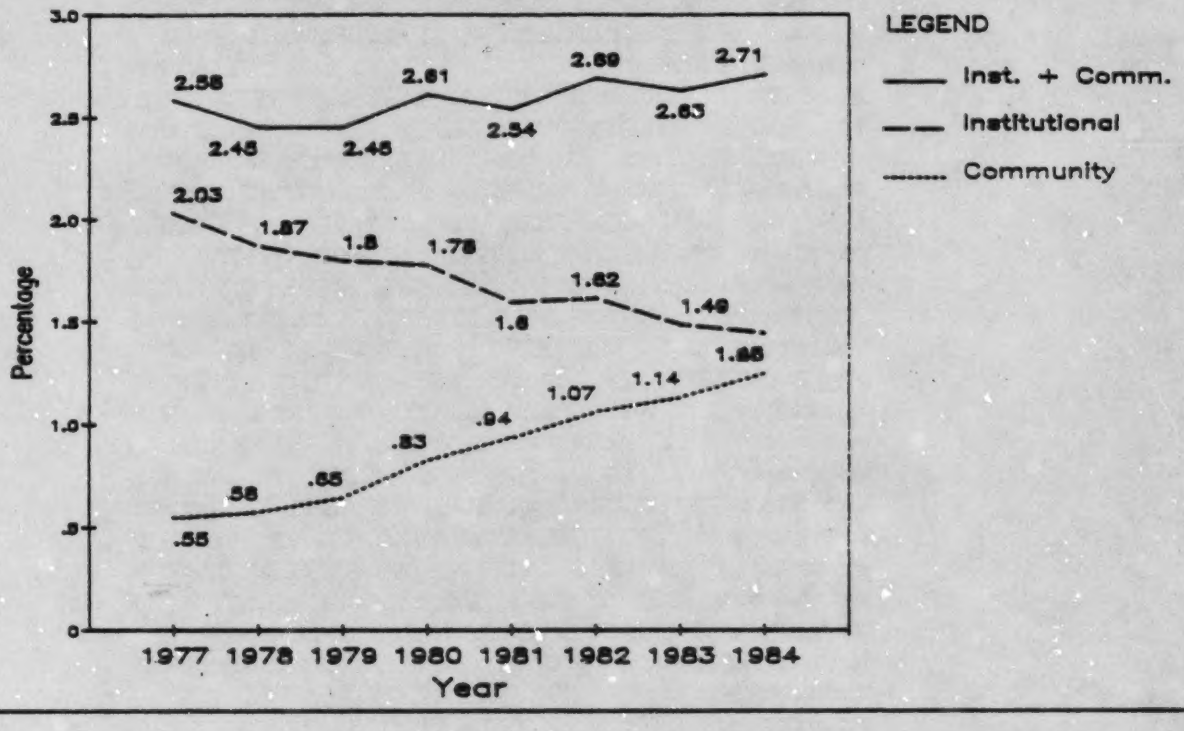
The Total State Budget Expressed in Unadjusted and 1977 Dollars: FY 1977–1982



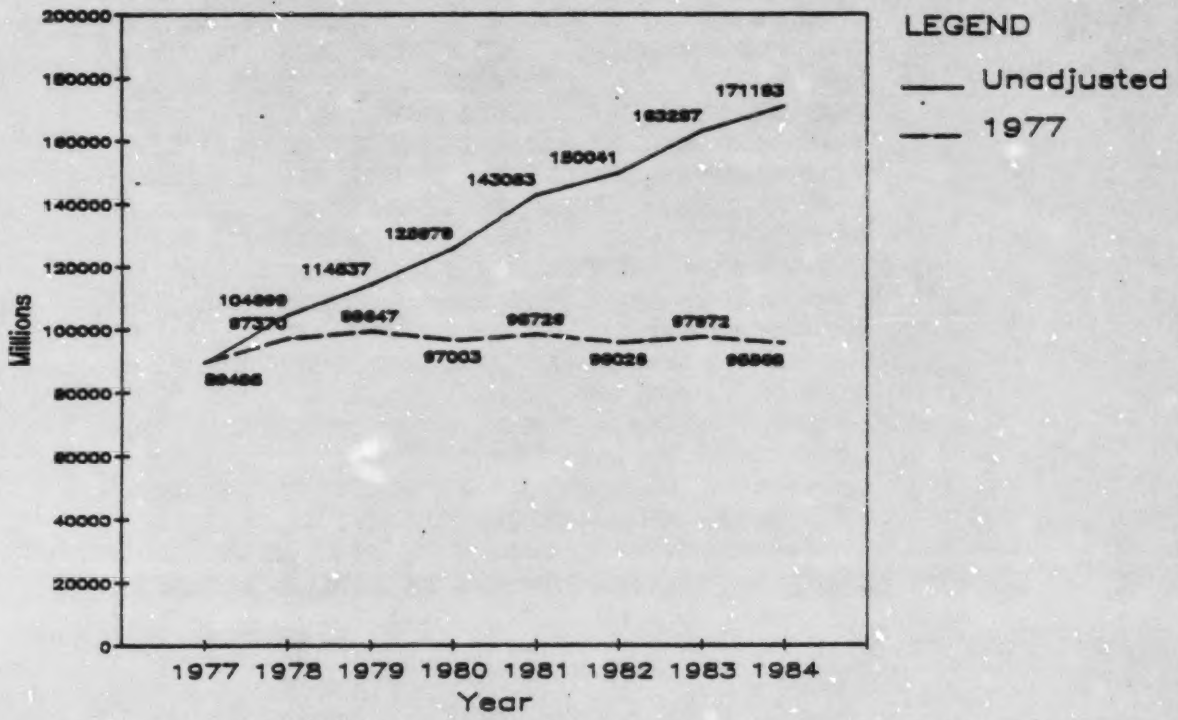
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UNITED STATES

State Expenditures for MR/DD Institutional & Community Services as a Percentage of the Total State Budget: FY 1977–1984 (Federal Funds Excluded)

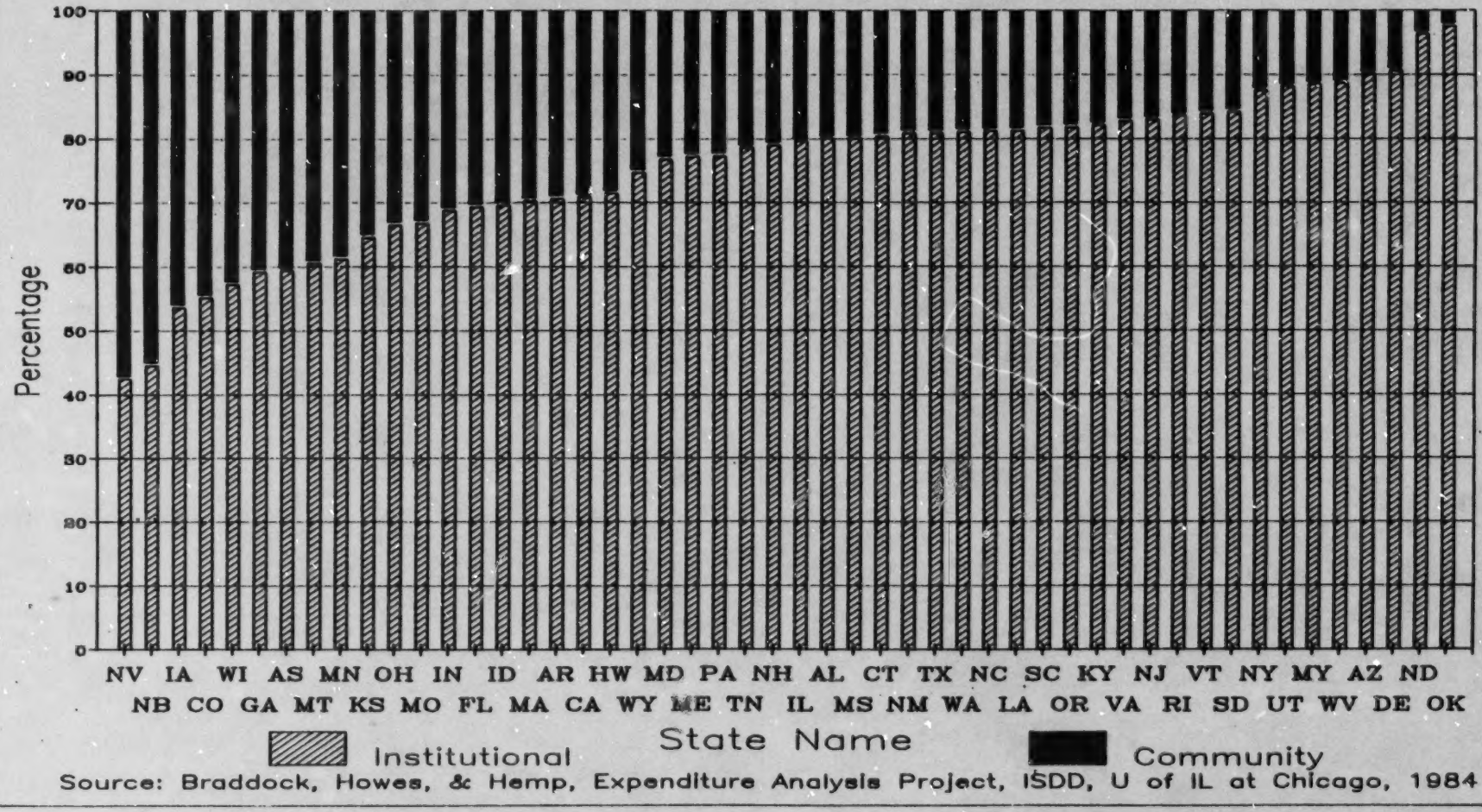


Total State Budget: FY 1977–1984 (Federal Funds Excluded)

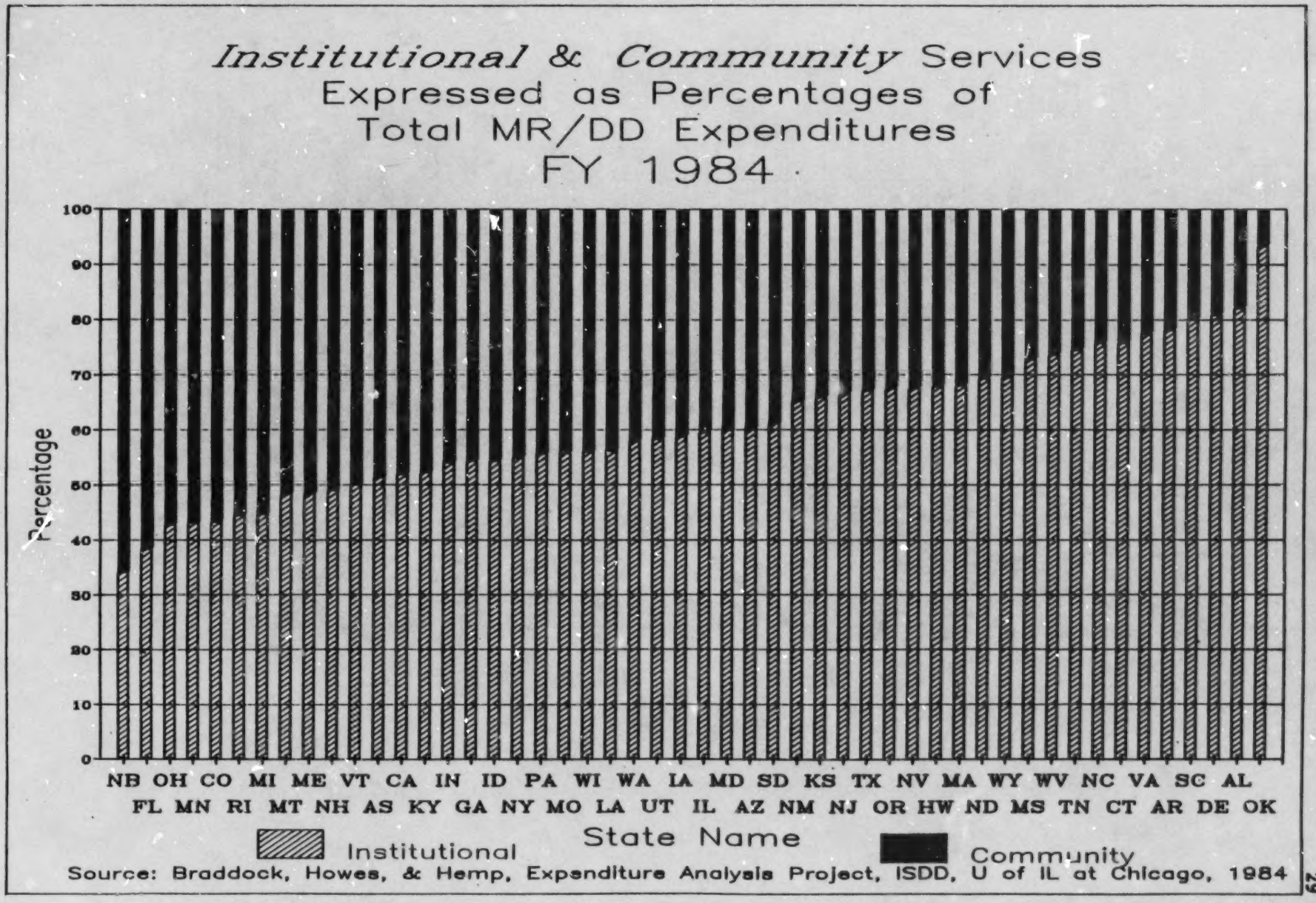


Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Institutional & Community Services Expressed as Percentages of Total MR/DD Expenditures FY 1977



Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984


Institutional & Community Services
Expressed as Percentages of
Total MR/DD Expenditures
FY 1984
Percentage
100
90
80
70
60
50
40
30
20
10
0
NB OH CO MI ME VT CA IN ID PA WI WA IA MD SD KS TX NV MA WY WV NC VA SC AL
FL MN RI MT NH AS KY GA NY MO LA UT IL AZ NM NJ OR HW ND MS TN CT AR DE OK
State Name
Institutional
Community
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

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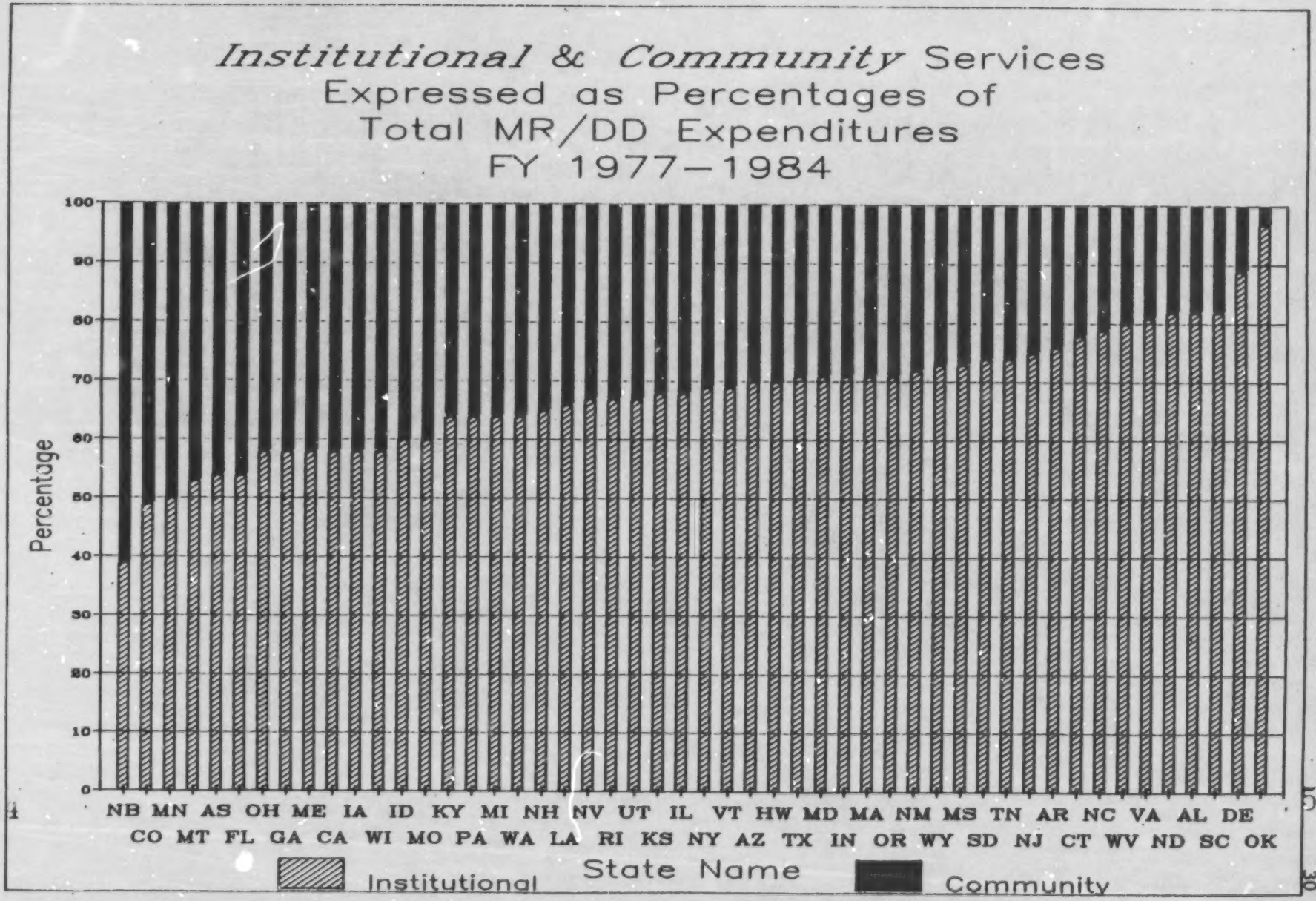
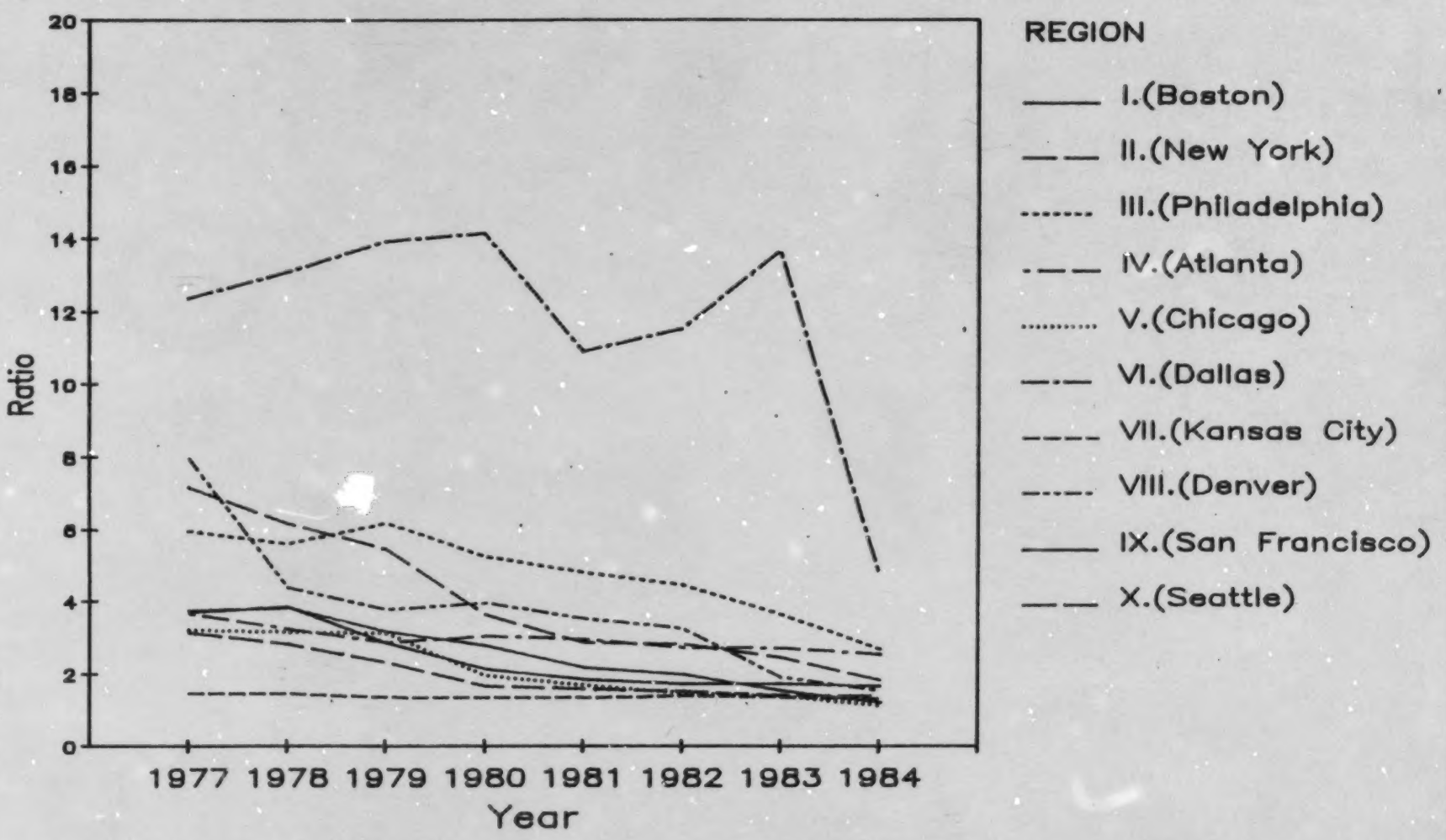

Institutional & Community Services
Expressed as Percentages of
Total MR/DD Expenditures
FY 1977—1984
Percentage
100
90
80
70
60
50
40
30
20
10
0
NB MN AS OH ME IA ID KY MI NH NV UT IL VT HW MD MA NM MS TN AR NC VA AL DE
CO MT FL GA CA WI MO PA WA LA RI KS NY AZ TX IN OR WY SD NJ CT WV ND SC OK
Institutional
State Name
Community

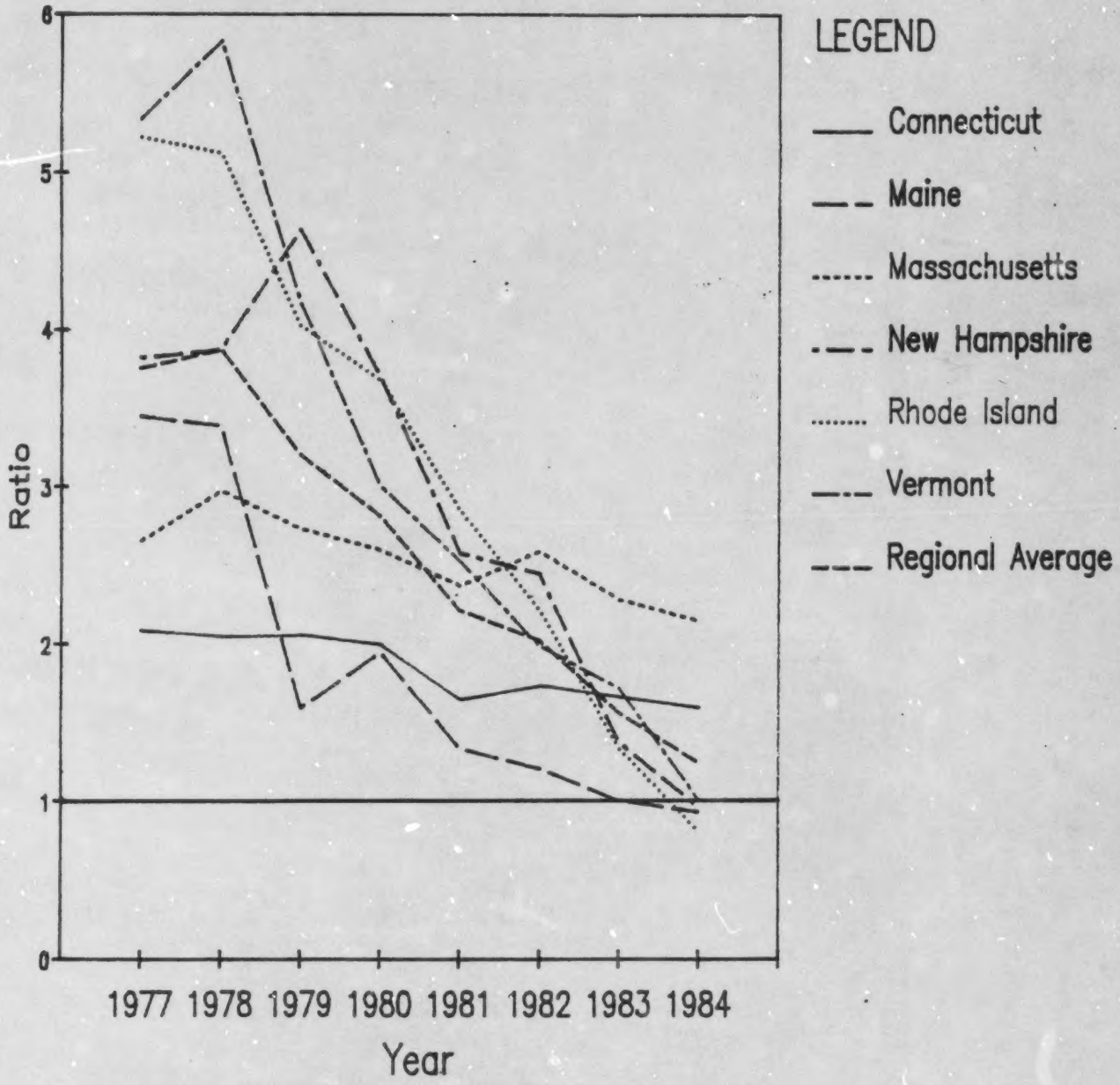
SECTION V
REGIONAL CHART SERIES

Ratio of MR/DD Institutional and Community Expenditures for Each Region FY 1977–1984



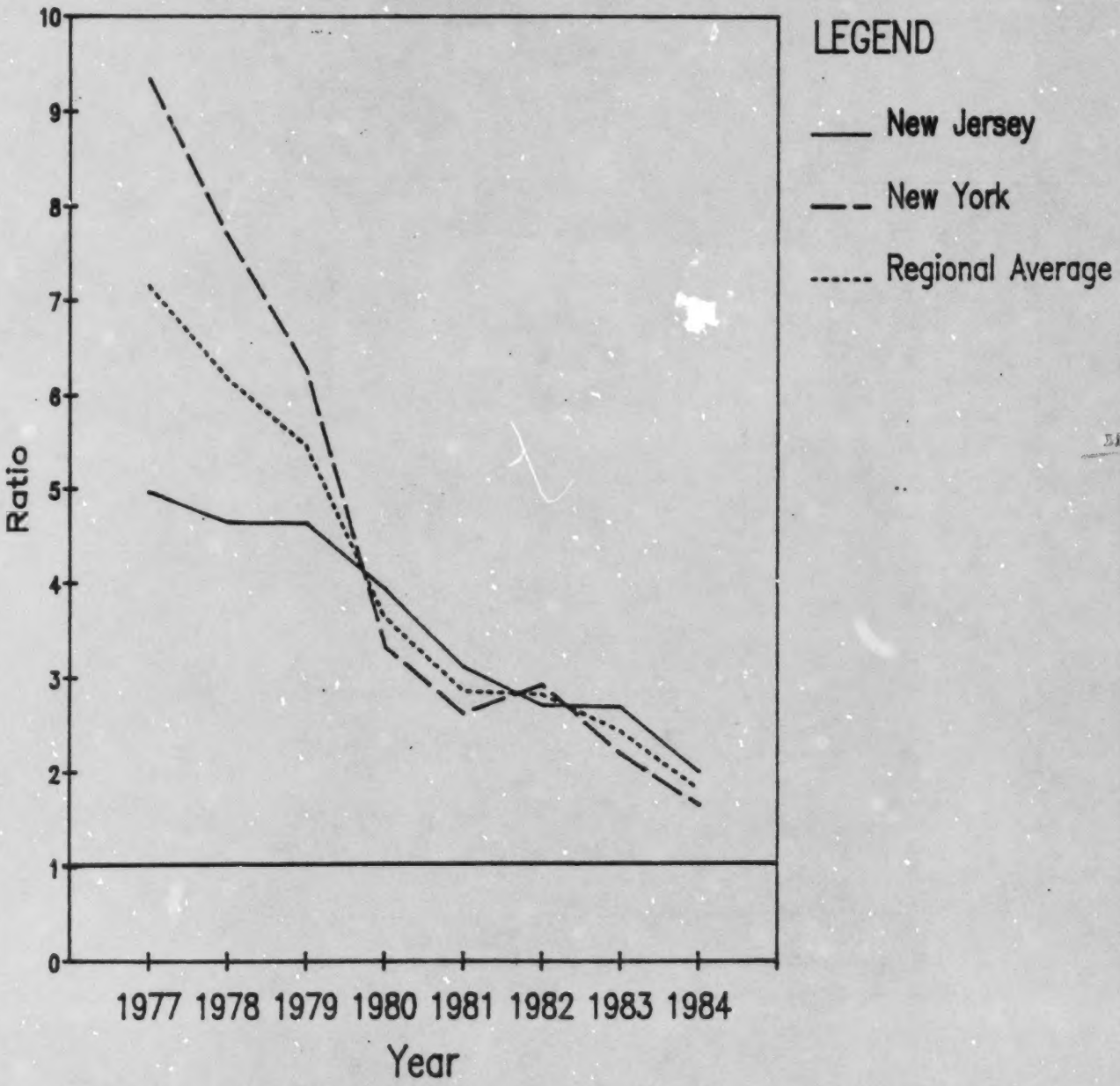
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 1 (Boston) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



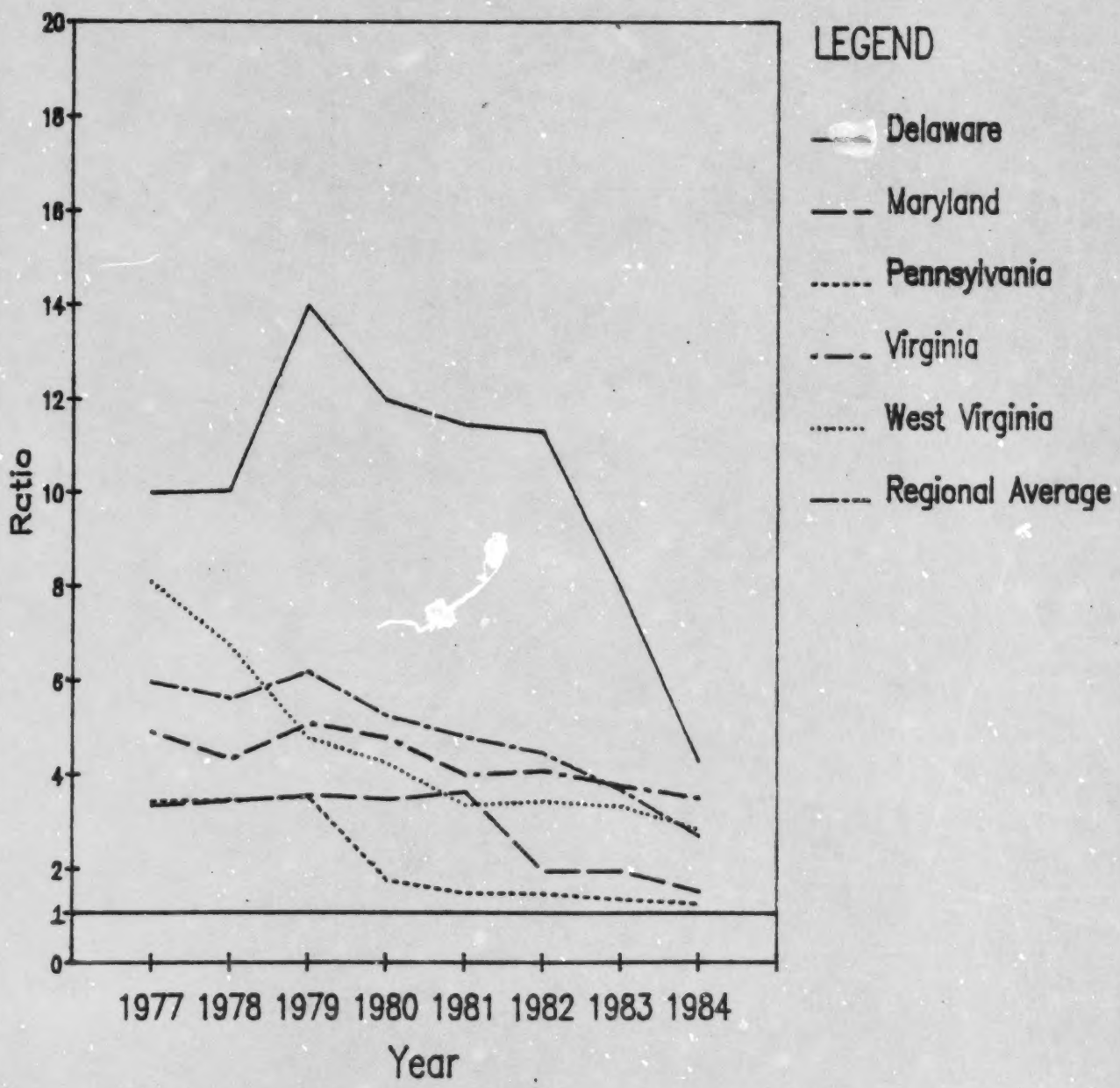
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 2 (New York) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



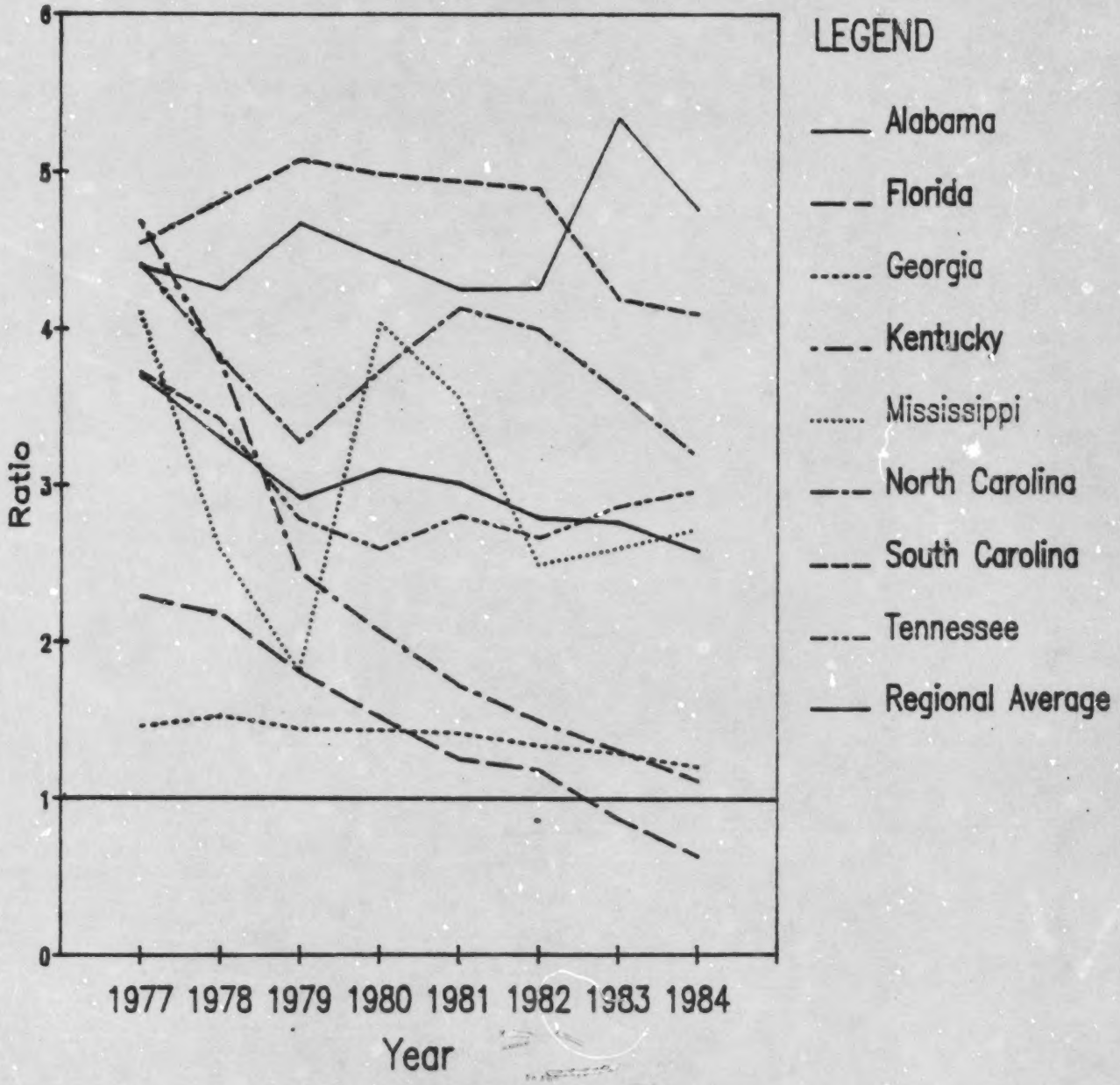
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 3 (Philadelphia) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



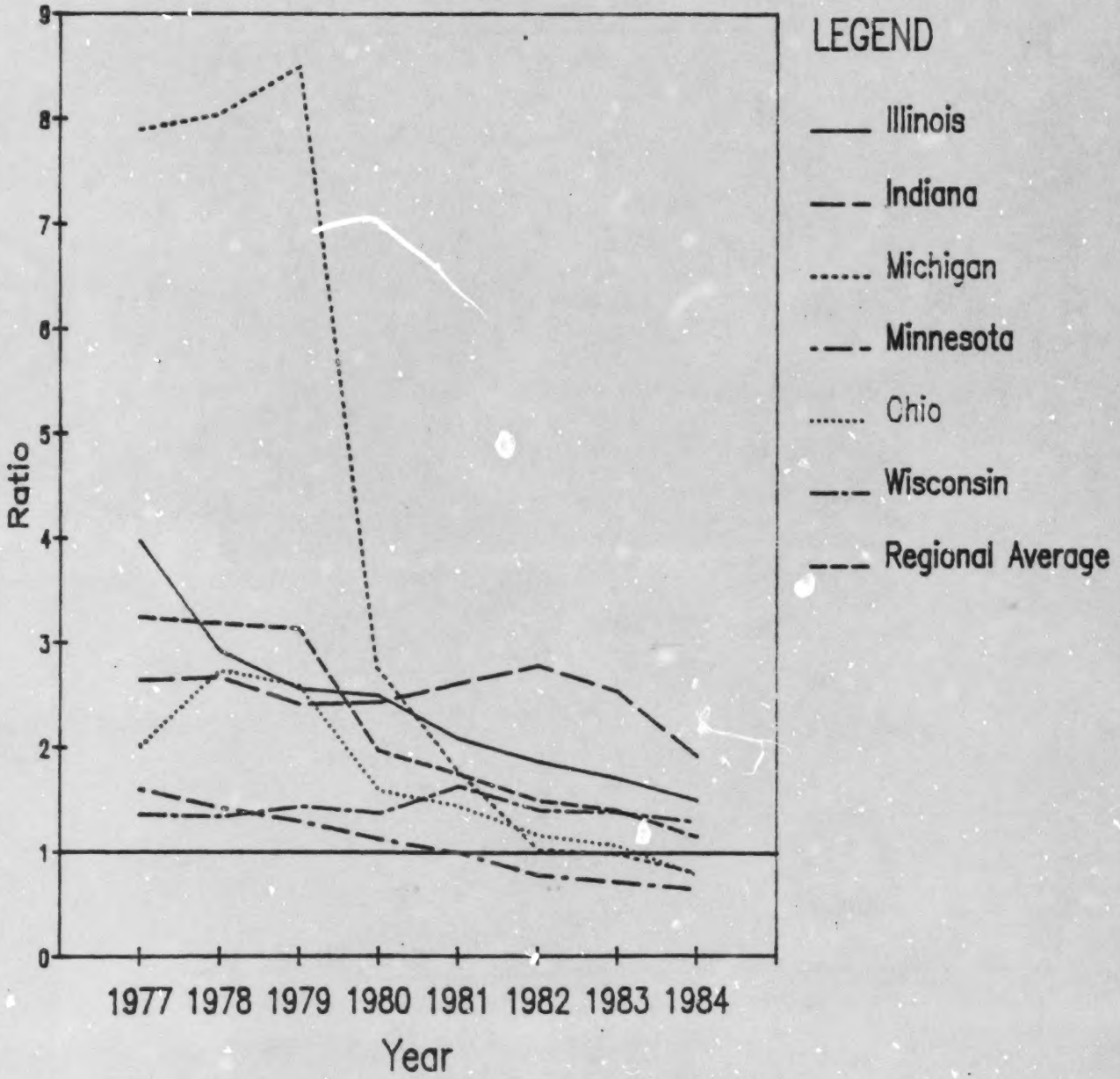
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 4 (Atlanta) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



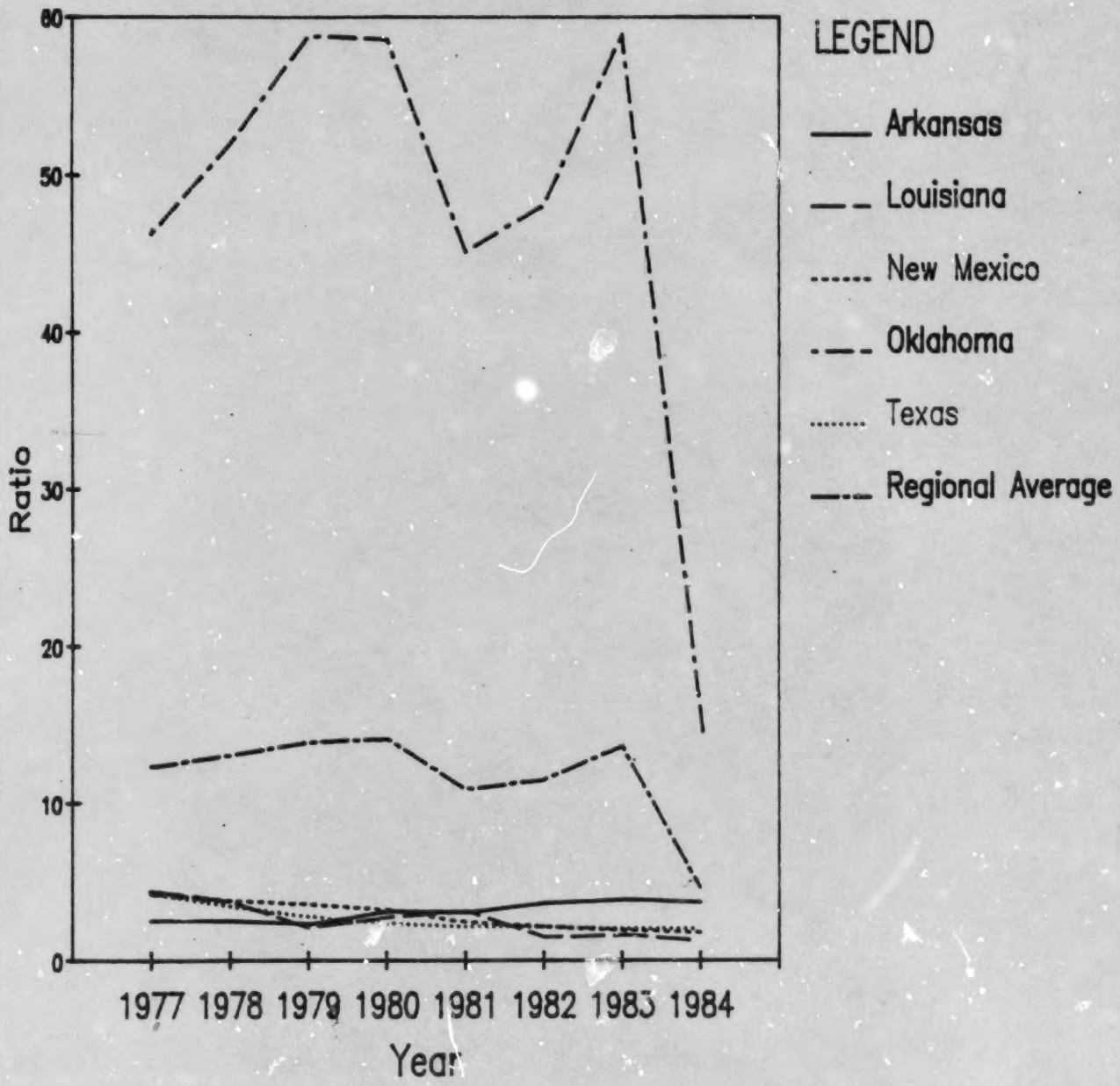
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 5 (Chicago) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



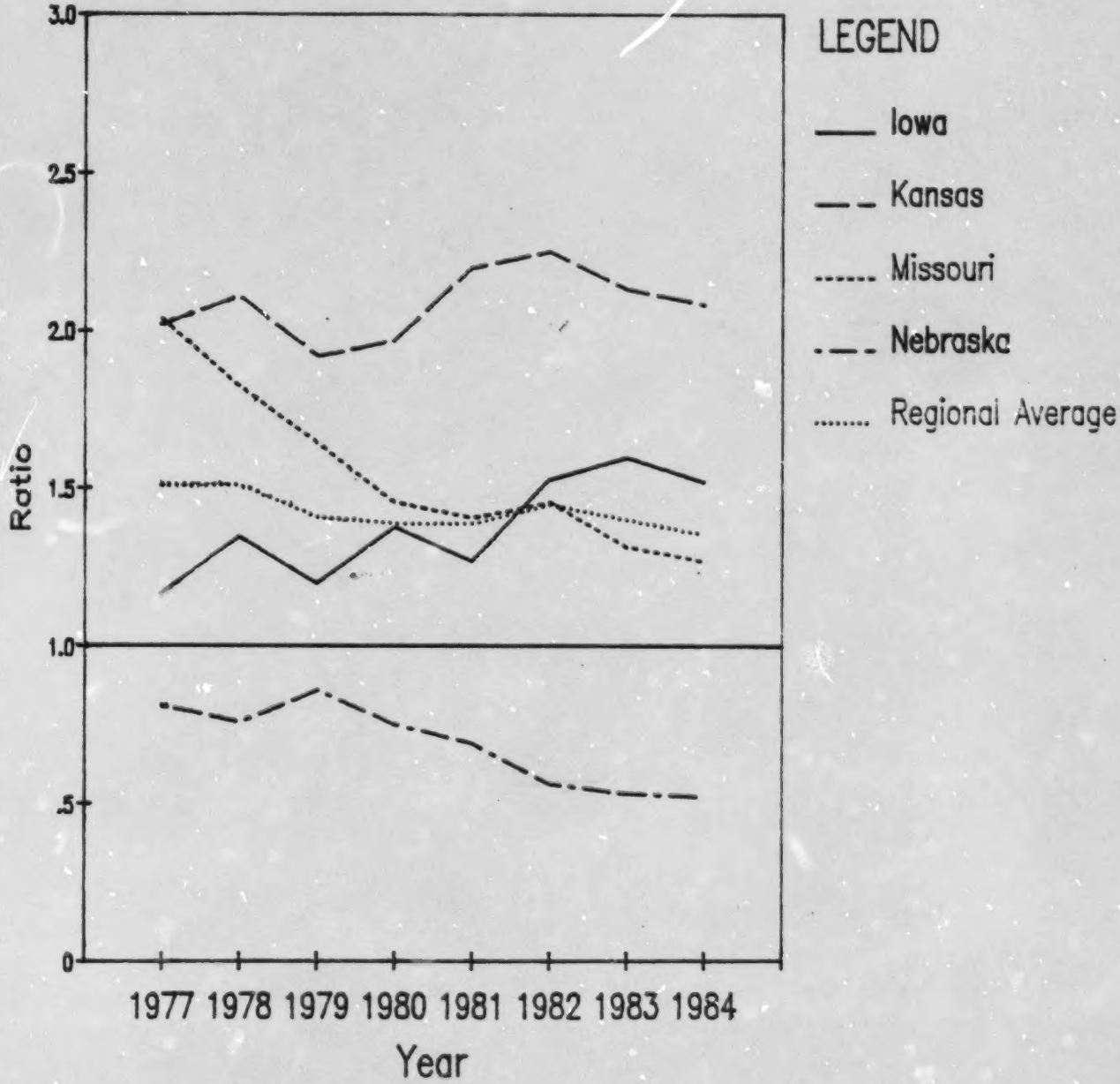
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 6 (Dallas)
Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



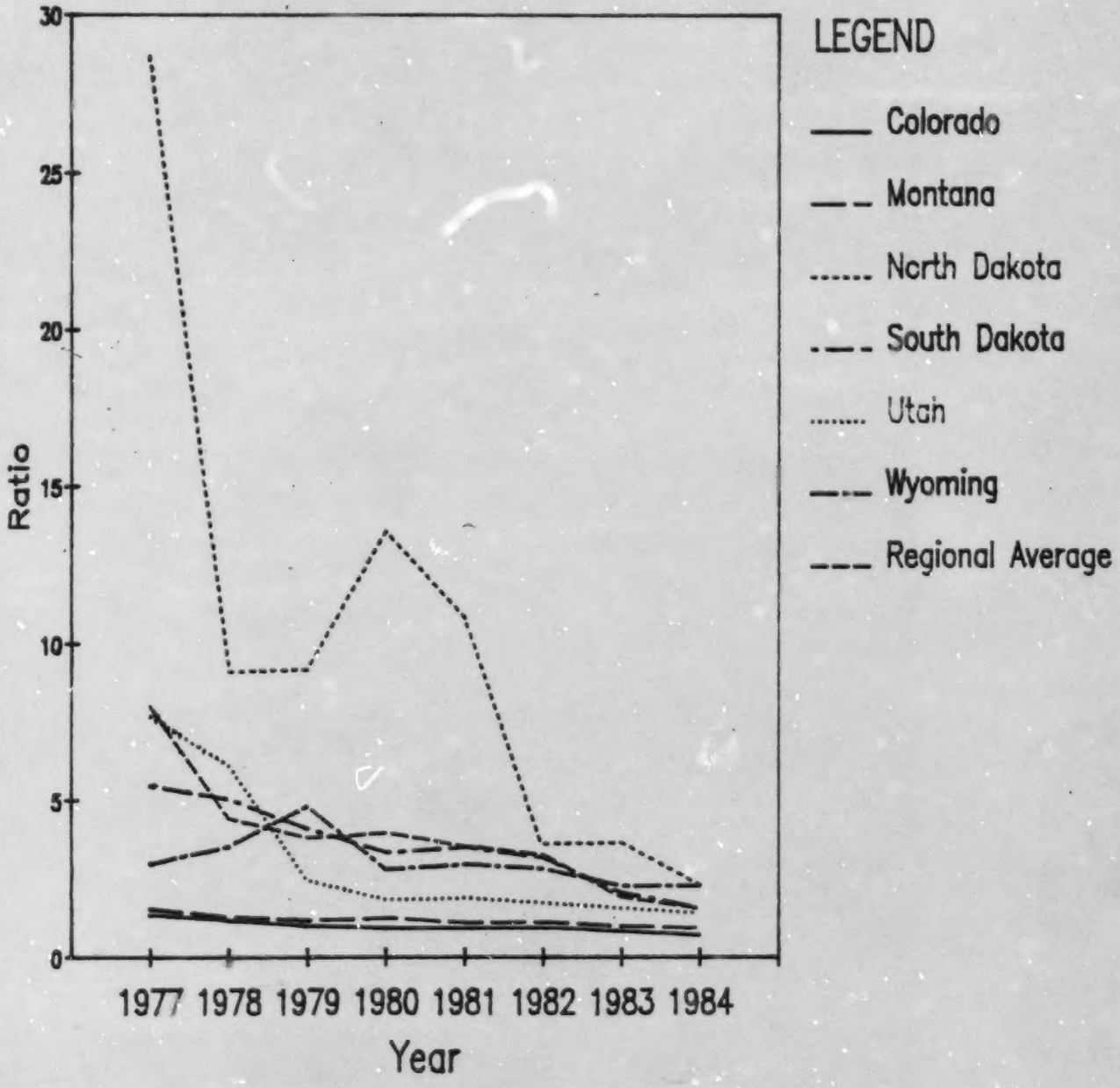
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 7 (Kansas City) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



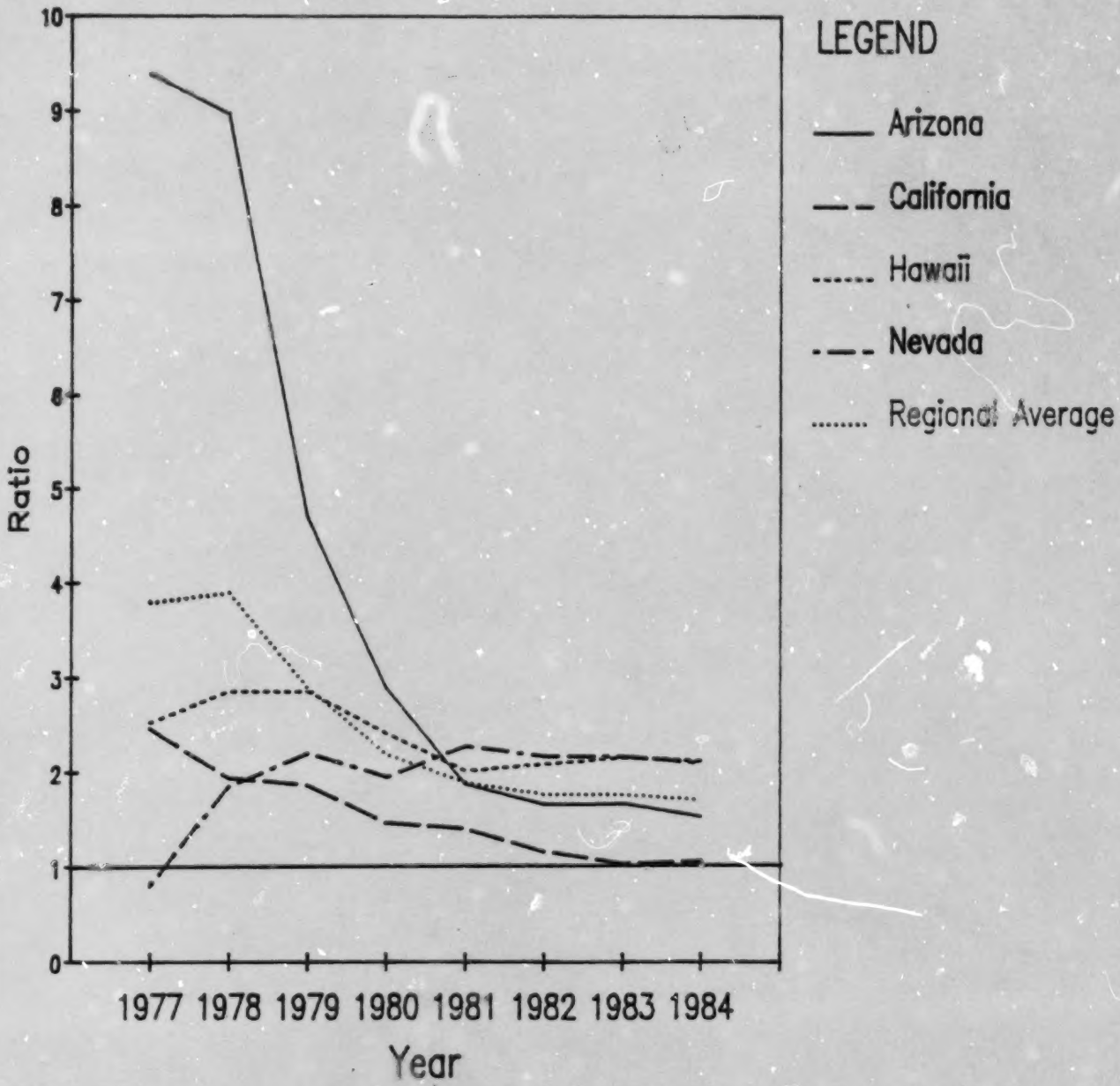
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 8 (Denver)
Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



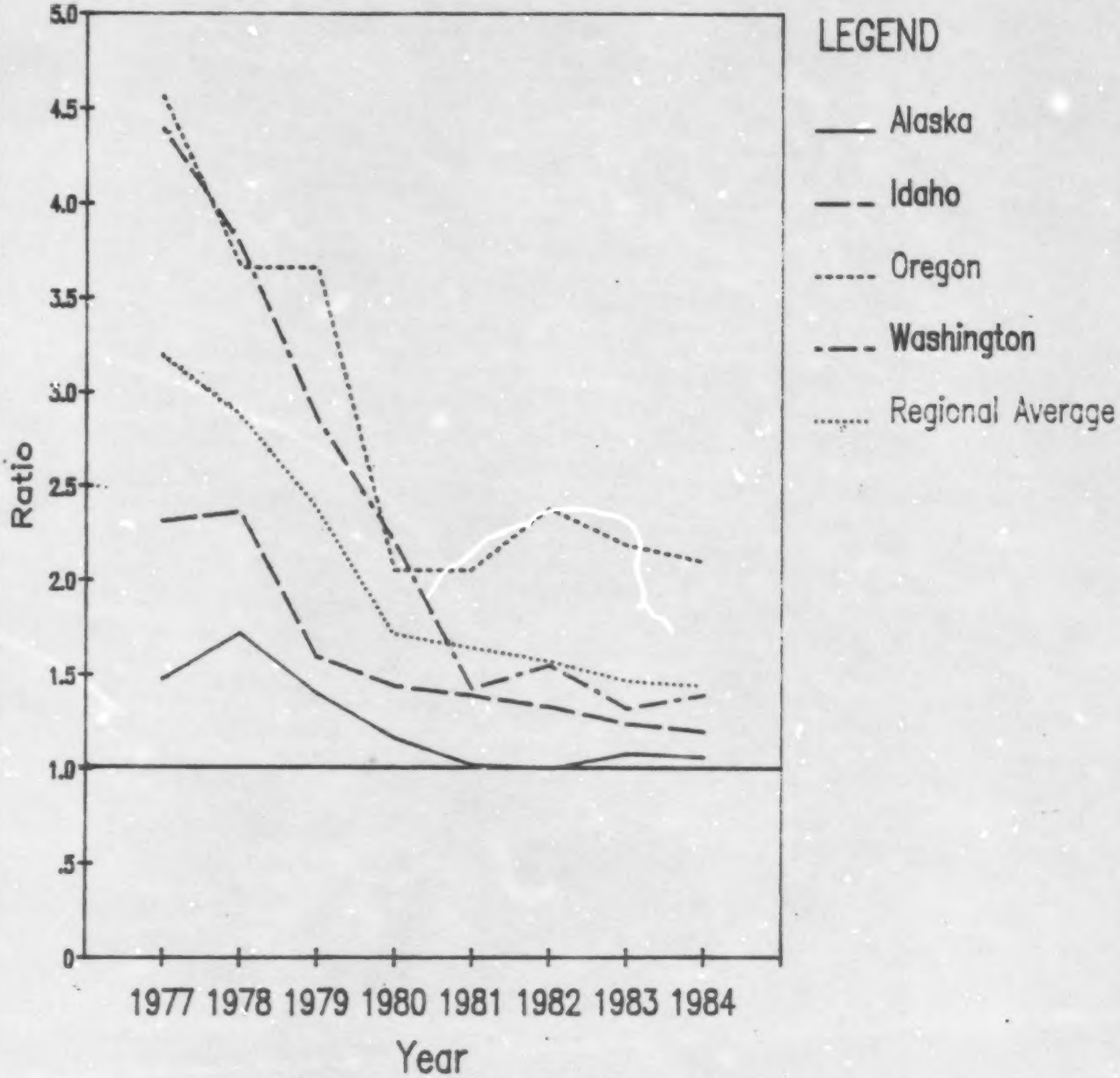
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 9 (San Francisco) Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984



Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Region 10 (Seattle)
Ratio of MR/DD Institutional and Community Expenditures for Each State and the Regional Average: FY 1977–1984

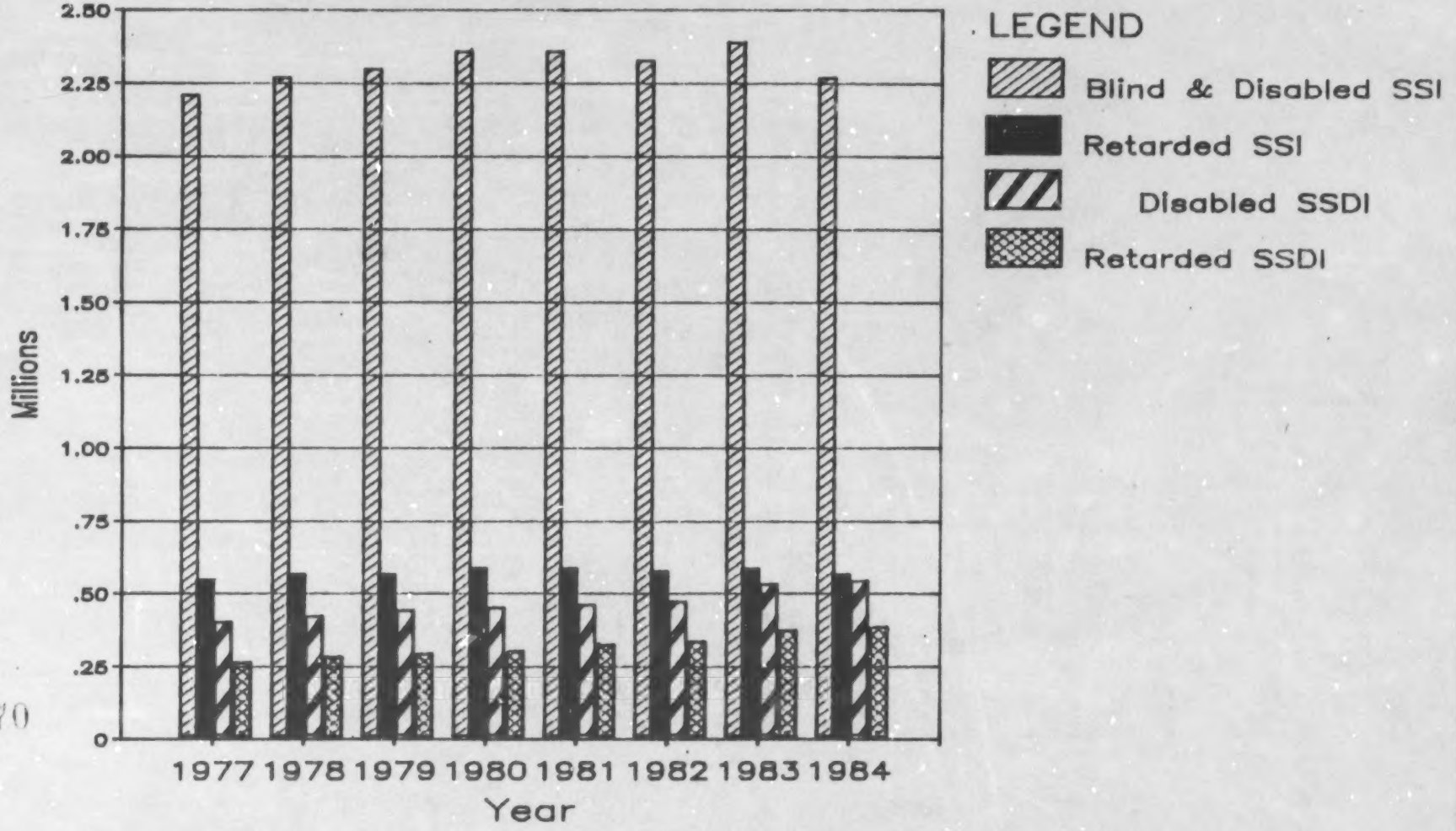


Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

SECTION VI
SUPPLEMENTARY CHART SERIES

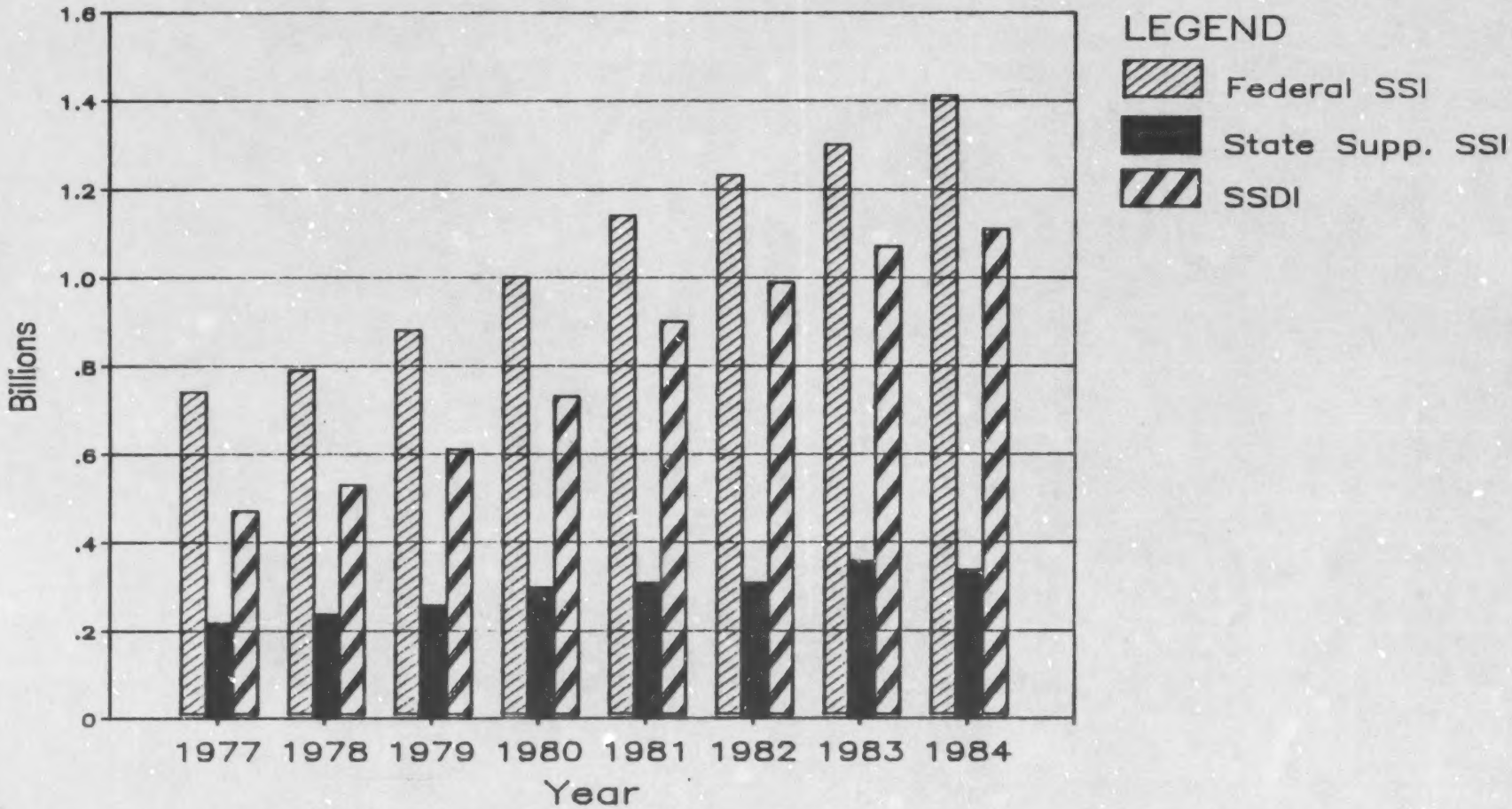
- SSI/SSDI
- Special Education

Estimated Mentally Retarded Recipients/ Beneficiaries of SSI/SSDI in the United States: 1977–1984



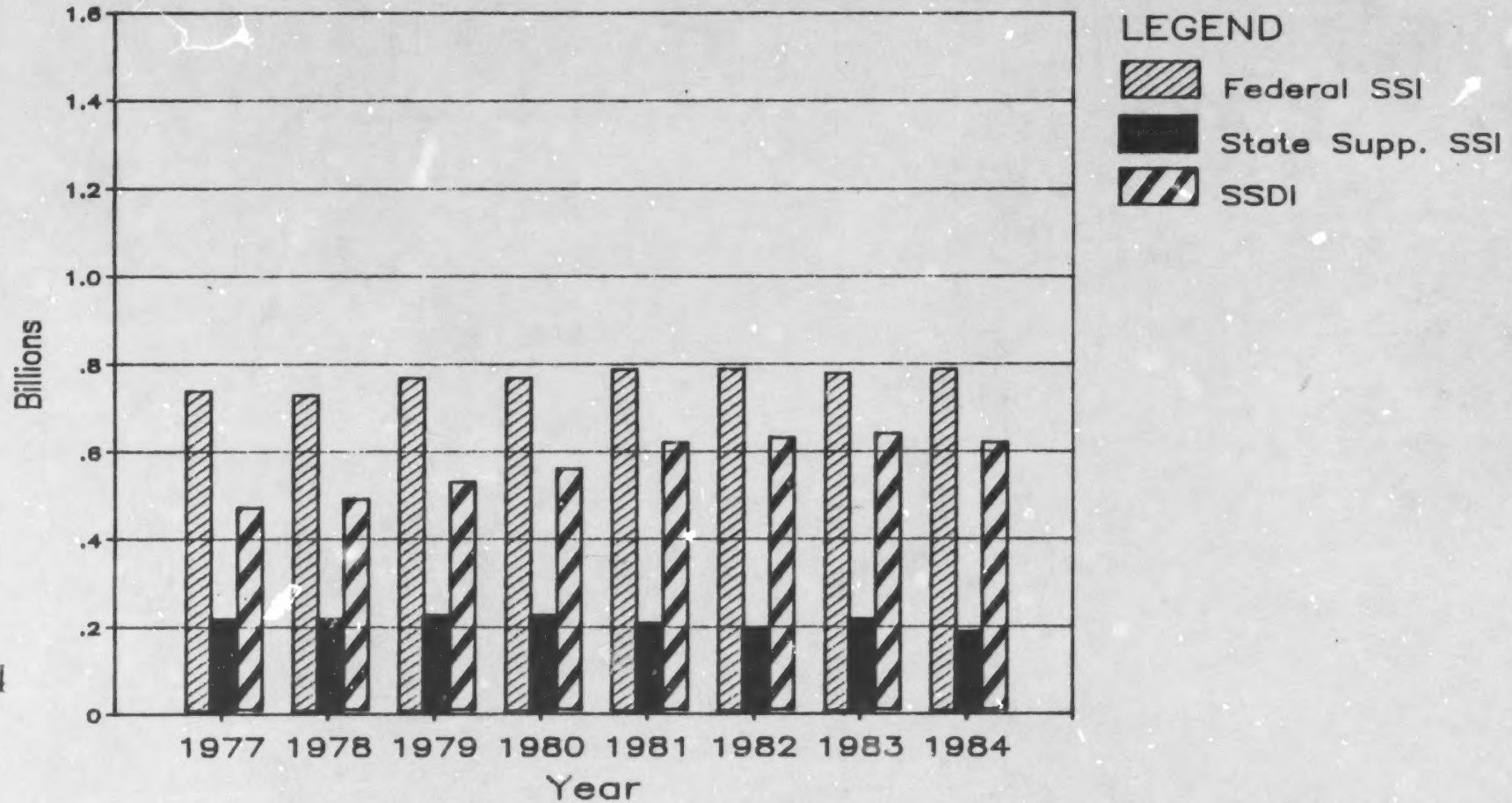
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Estimated Federal and State SSI & SSDI Payments and Benefits to Mentally Retarded Individuals in the United States: 1977–1984



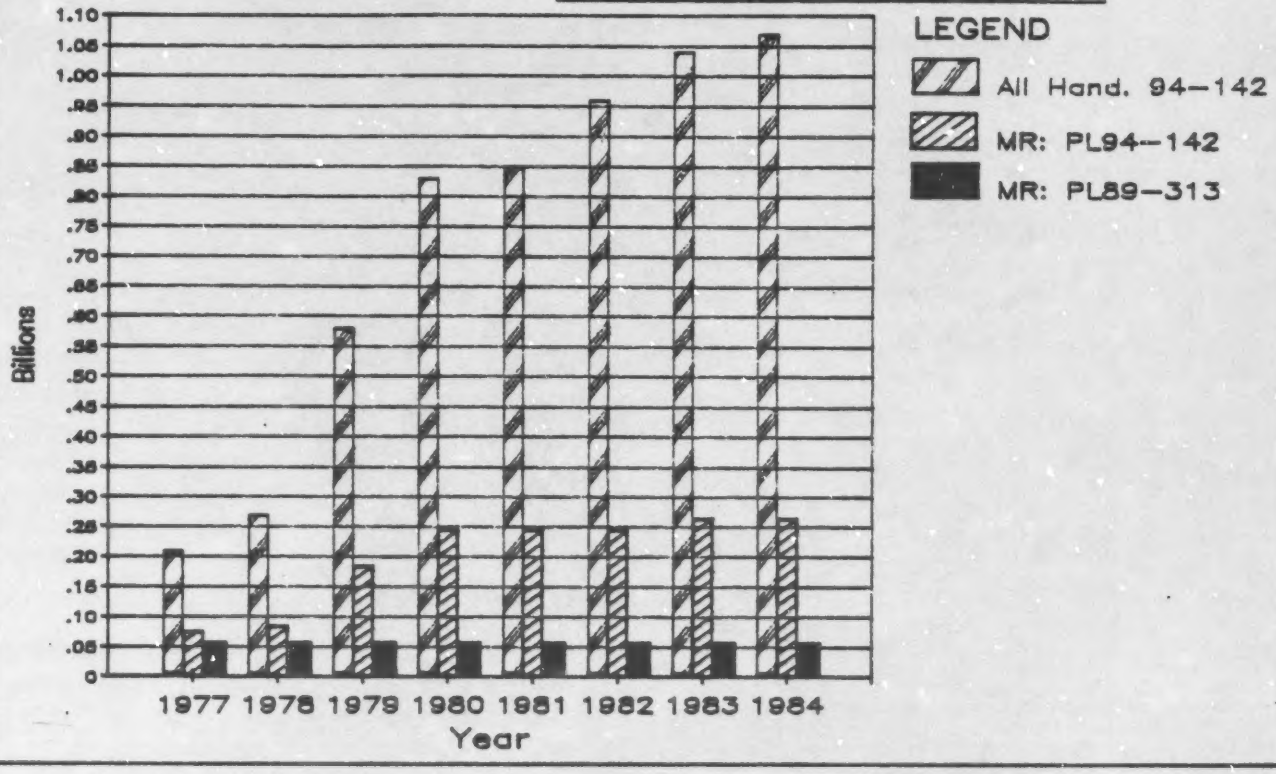
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Estimated Federal and State SSI & SSDI Payments and Benefits to Mentally Retarded Individuals in the United States: 1977–1984 *In 1977 Dollars*

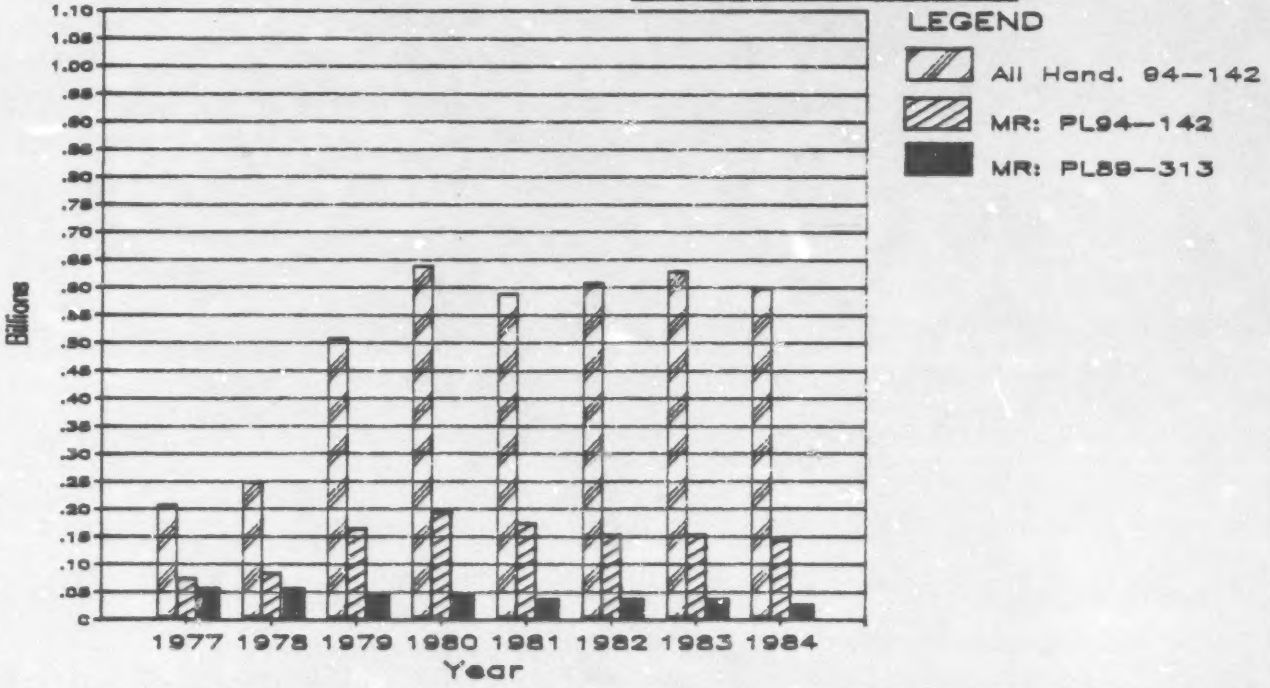


Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

Estimated Federal Expenditures for Educating Mentally Retarded Children Age 3–21 Under PL94–142 & PL89–313 FY 1977–1984, *In Unadjusted Dollars*



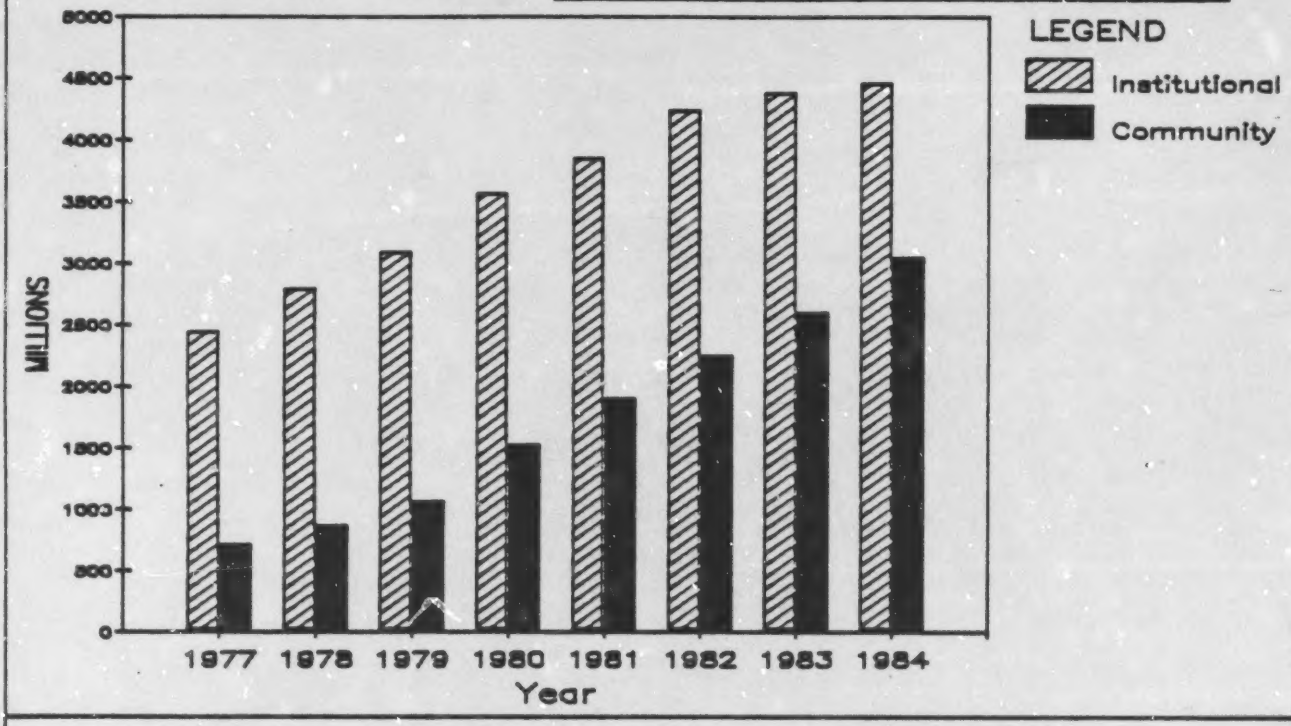
FY 1977–1984, *In 1977 Dollars*



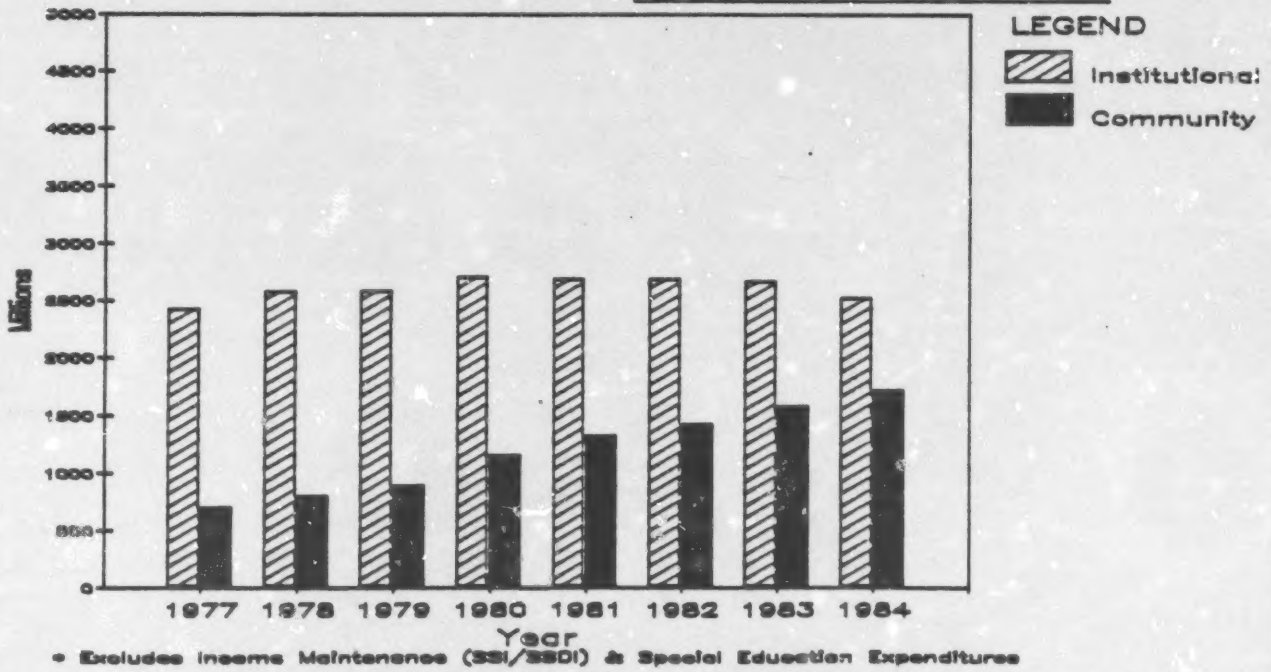
Source: Braddock, Howes, & Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

SECTION VII
STATE-BY-STATE INSTITUTIONAL & COMMUNITY SERVICES EXPENDITURES IN THE UNITED STATES: A COMPARATIVE ANALYSIS: FY 1977-`84

UNITED STATES
Comparative Annual MR/DD Expenditures for *Institutional & Community** Services
FY 1977–1984, *In Unadjusted Dollars*



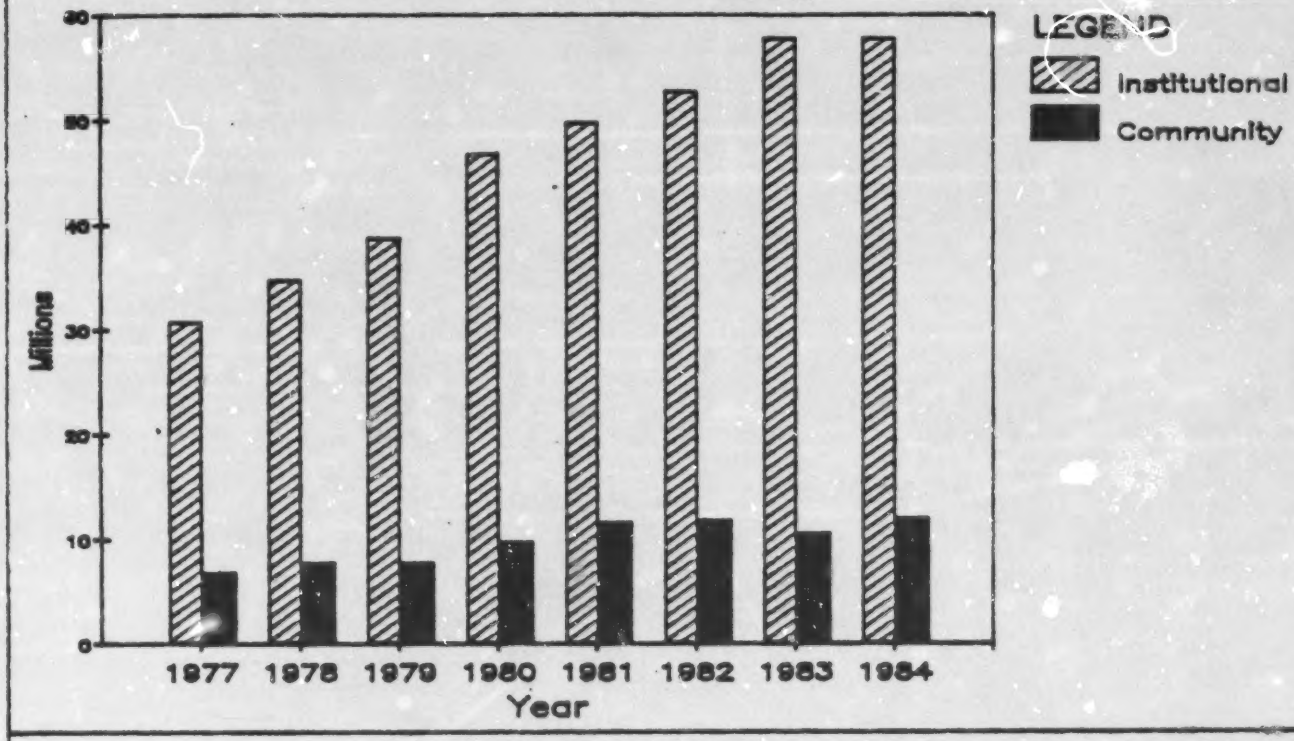
FY 1977–1984, *In 1977 Dollars*



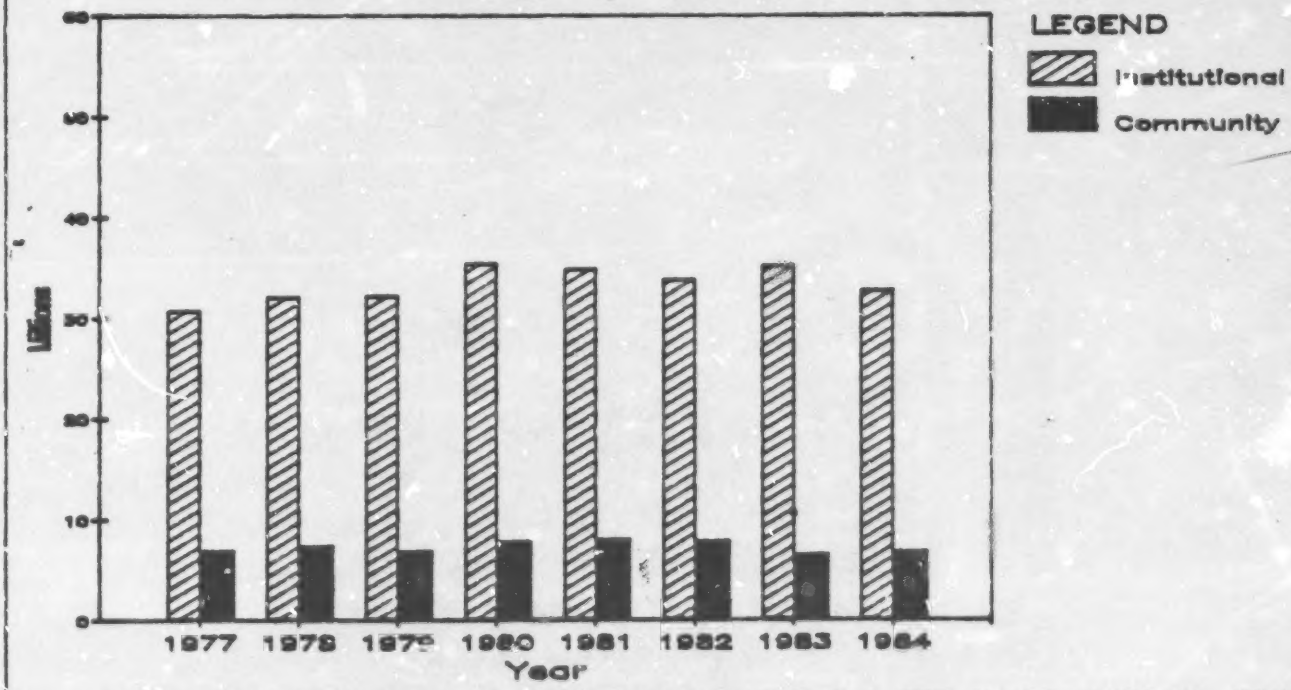
* Excludes Income Maintenance (SSI/SSDI) & Special Education Expenditures

Source: Braddock, Hemp, Howes, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

ALABAMA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977—1984, *In Unadjusted Dollars*



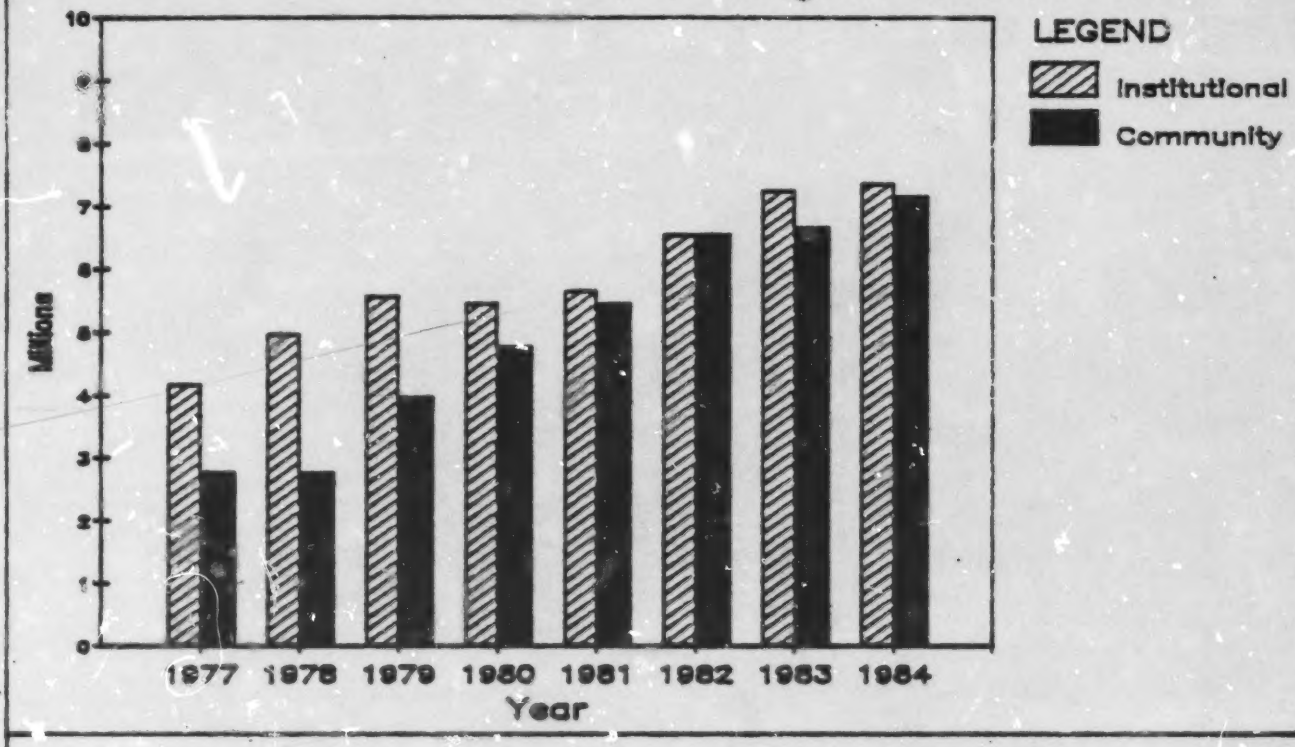
FY 1977—1984, *In 1977 Dollars*



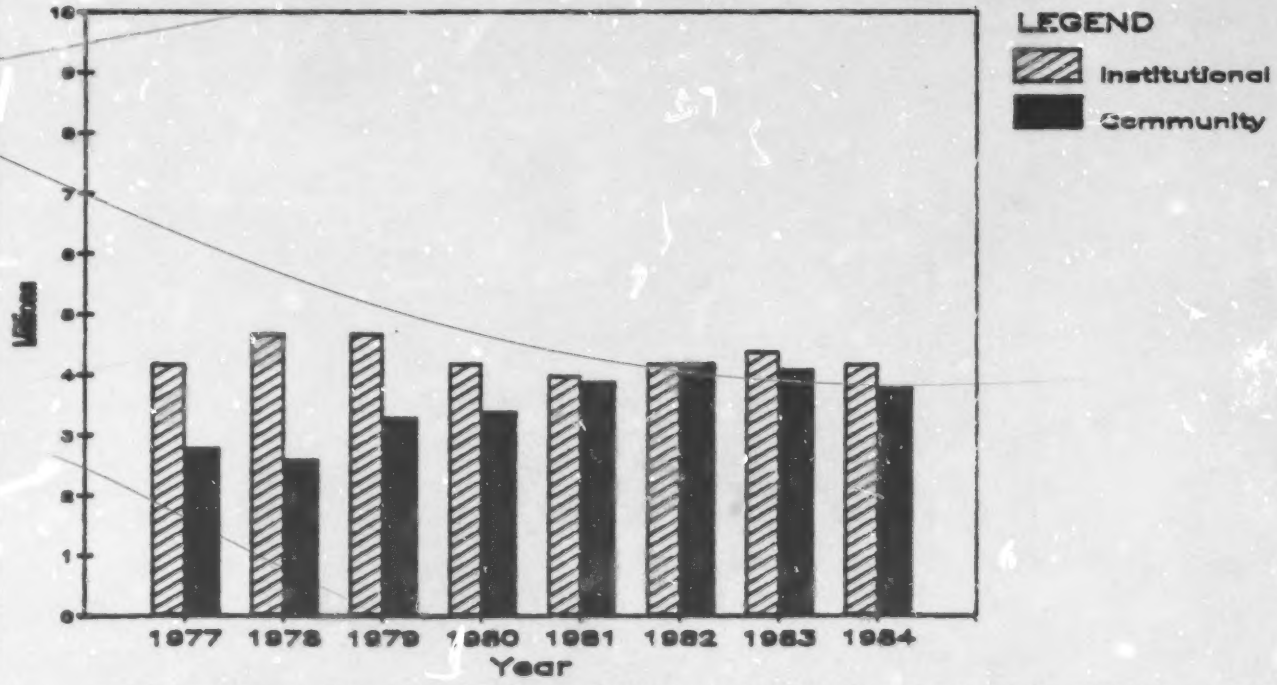
Source: Braddock, Howes, Hemp, Expenditure Analysis Project, IDD, U of IL at Chicago, 1984

ALASKA

Comparative Annual MR/DD Expenditures for Institutional & Community Services FY 1977–1984, *In Unadjusted Dollars*

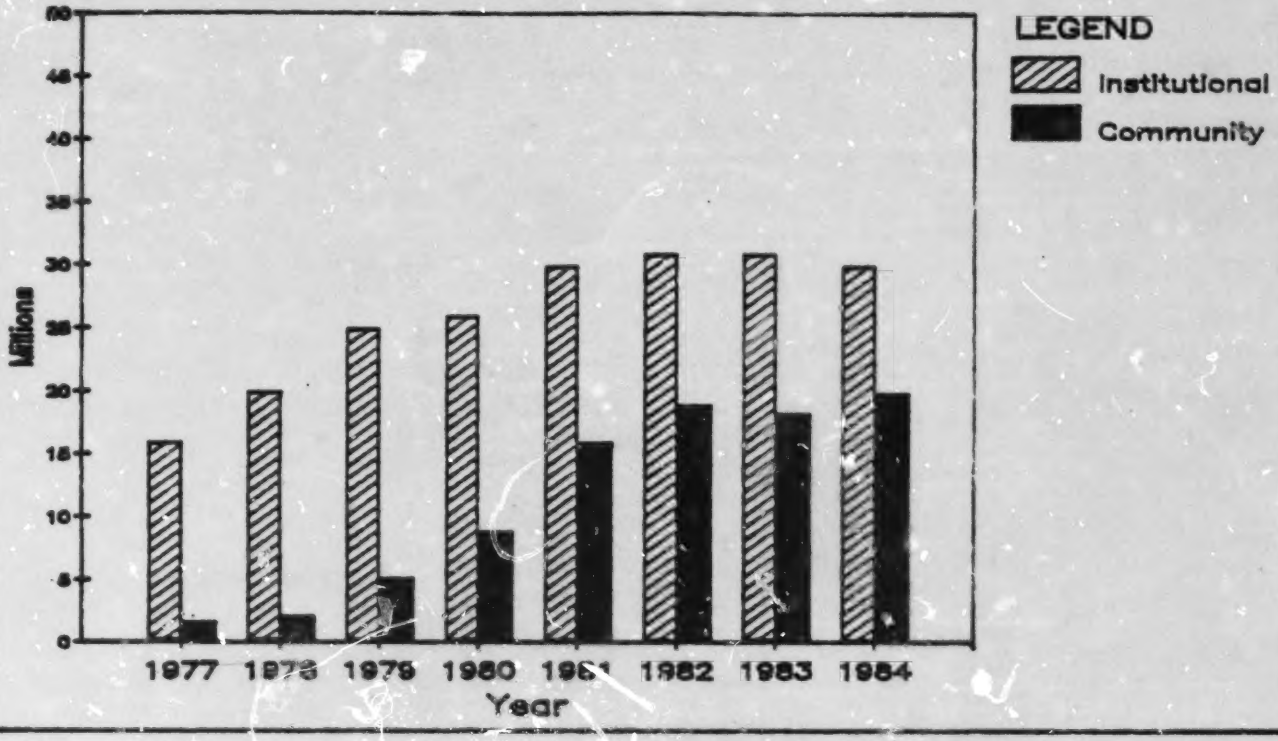


FY 1977–1984, *In 1977 Dollars*

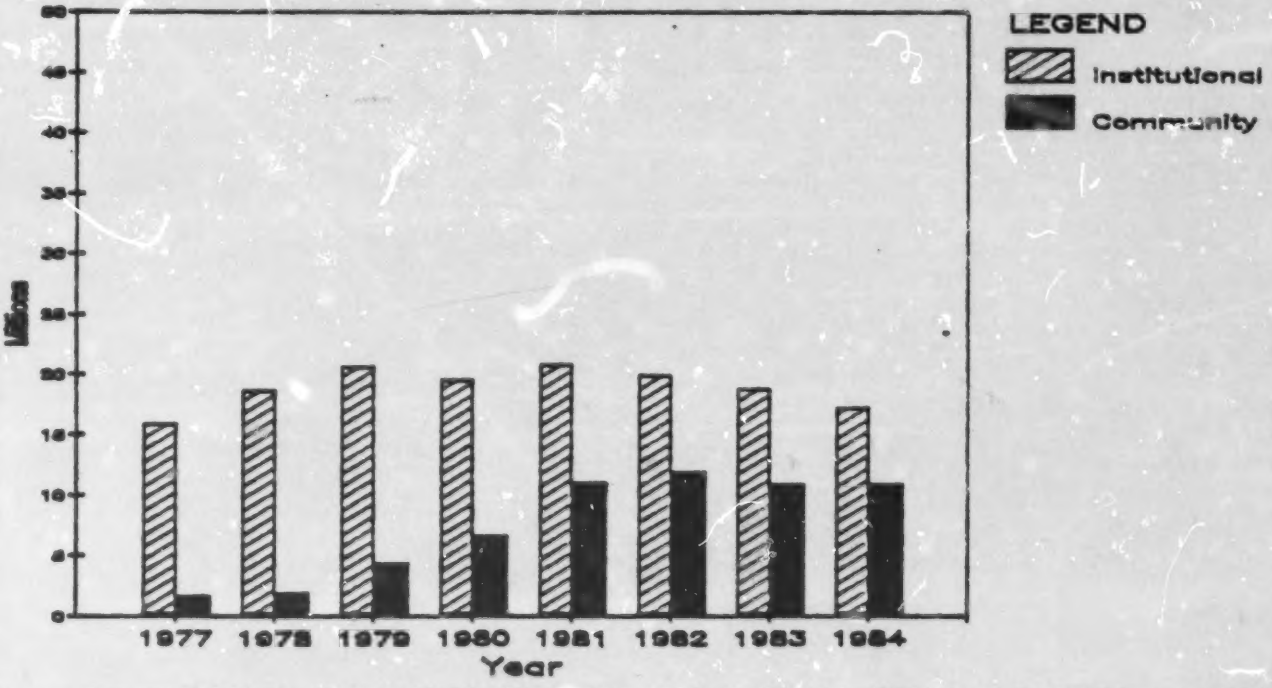


Maureen Braddock, Howes, Hemp, Expenditure Analysis Project, IDD, U of IL at Chicago, 1984

ARIZONA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

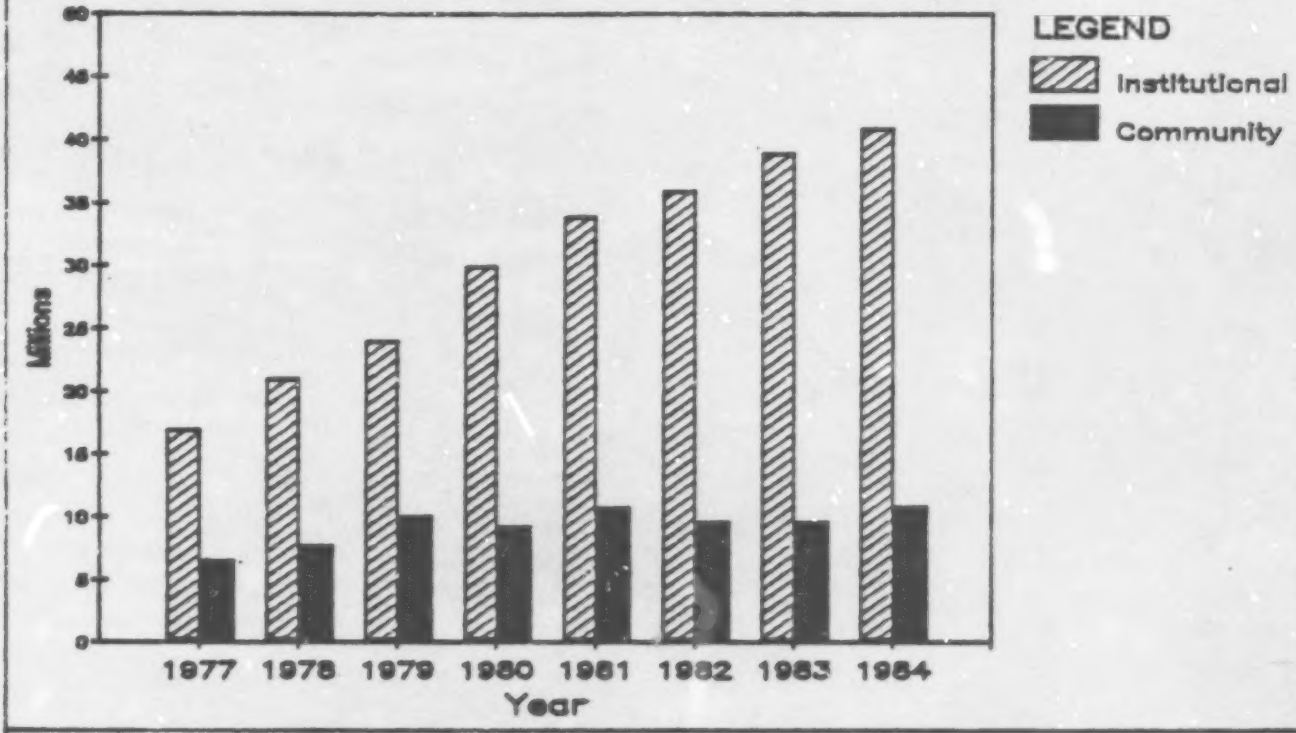


FY 1977–1984, *In 1977 Dollars*

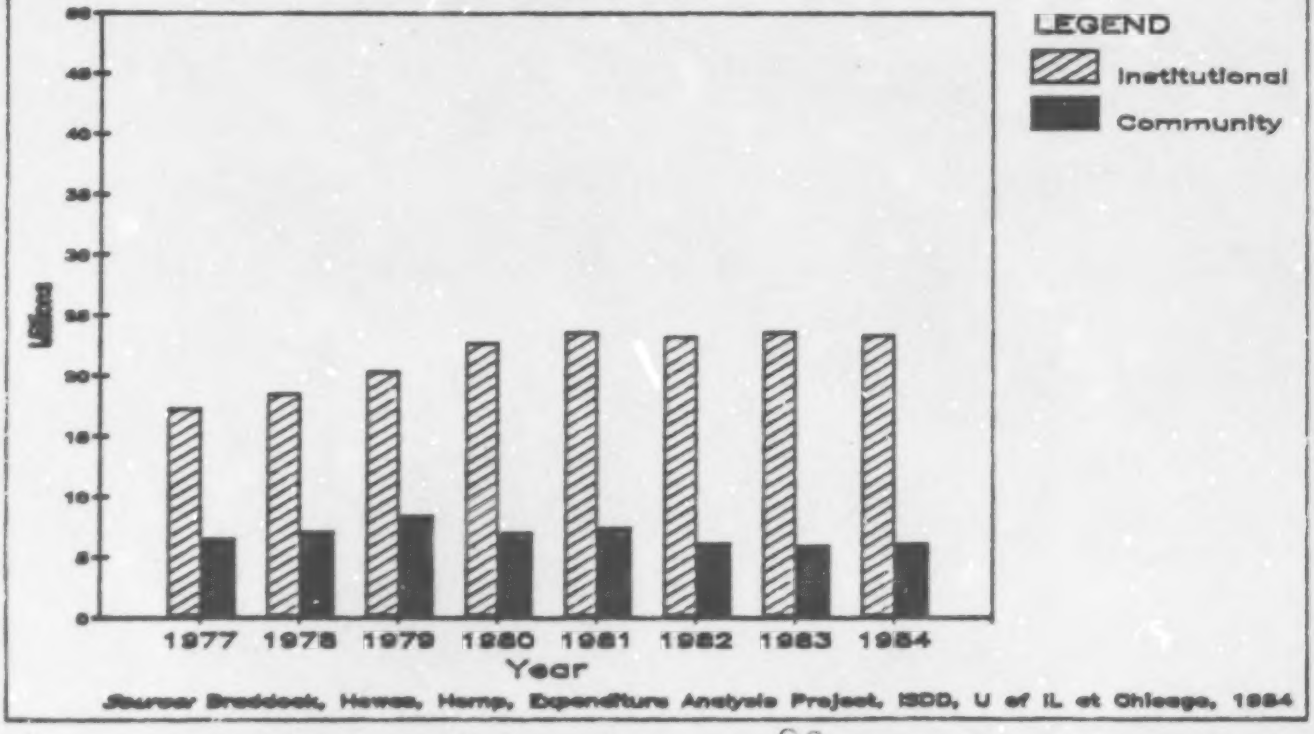


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

ARKANSAS
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

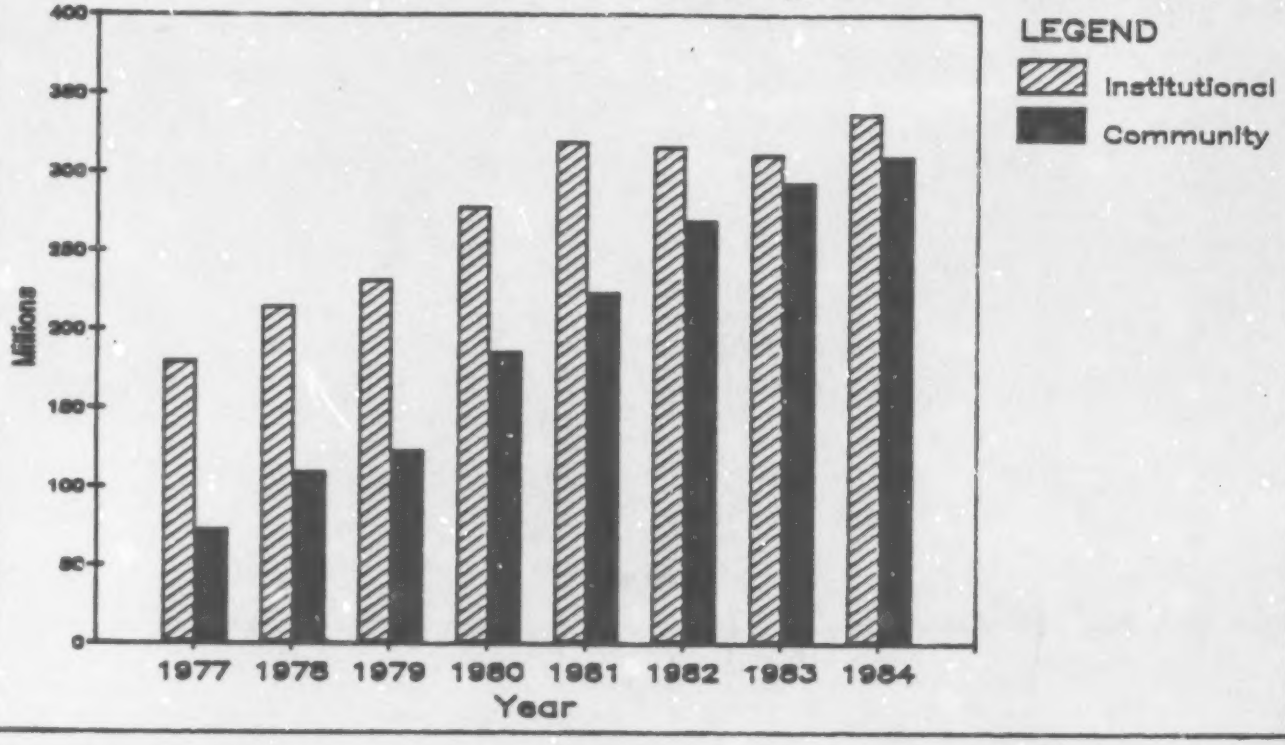


FY 1977–1984, *In 1977 Dollars*

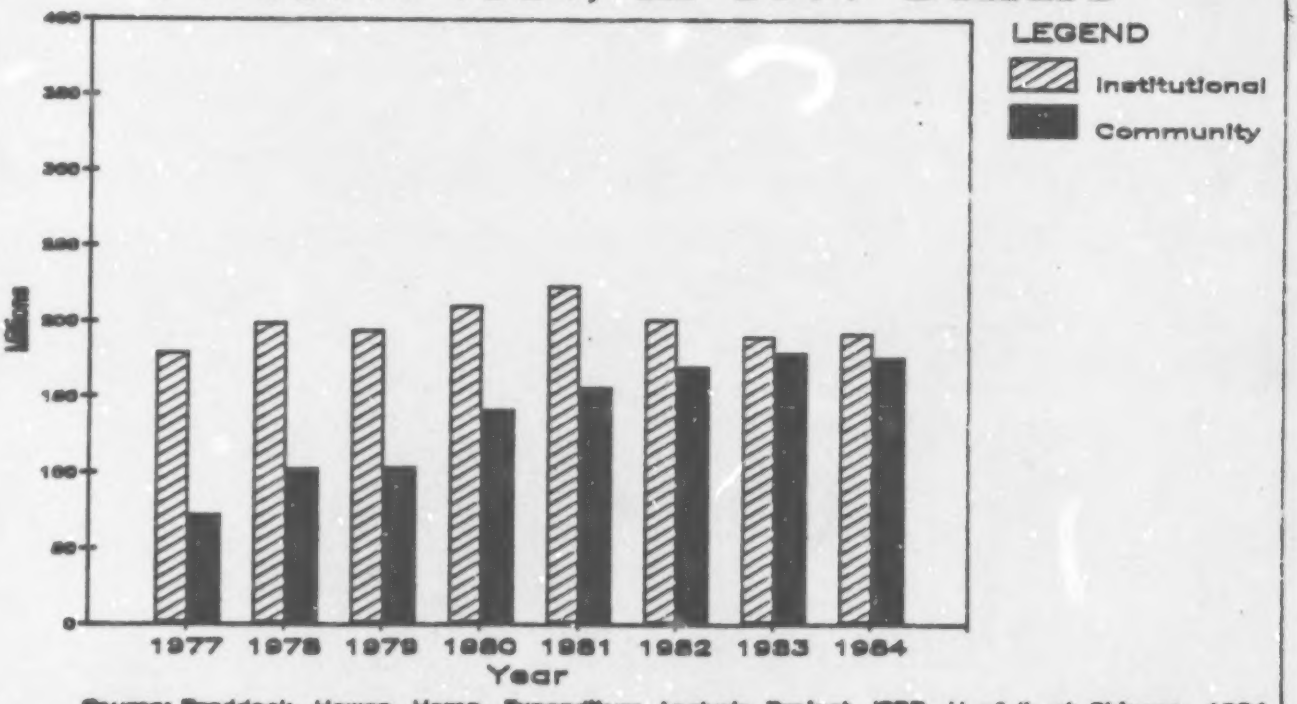


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

CALIFORNIA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

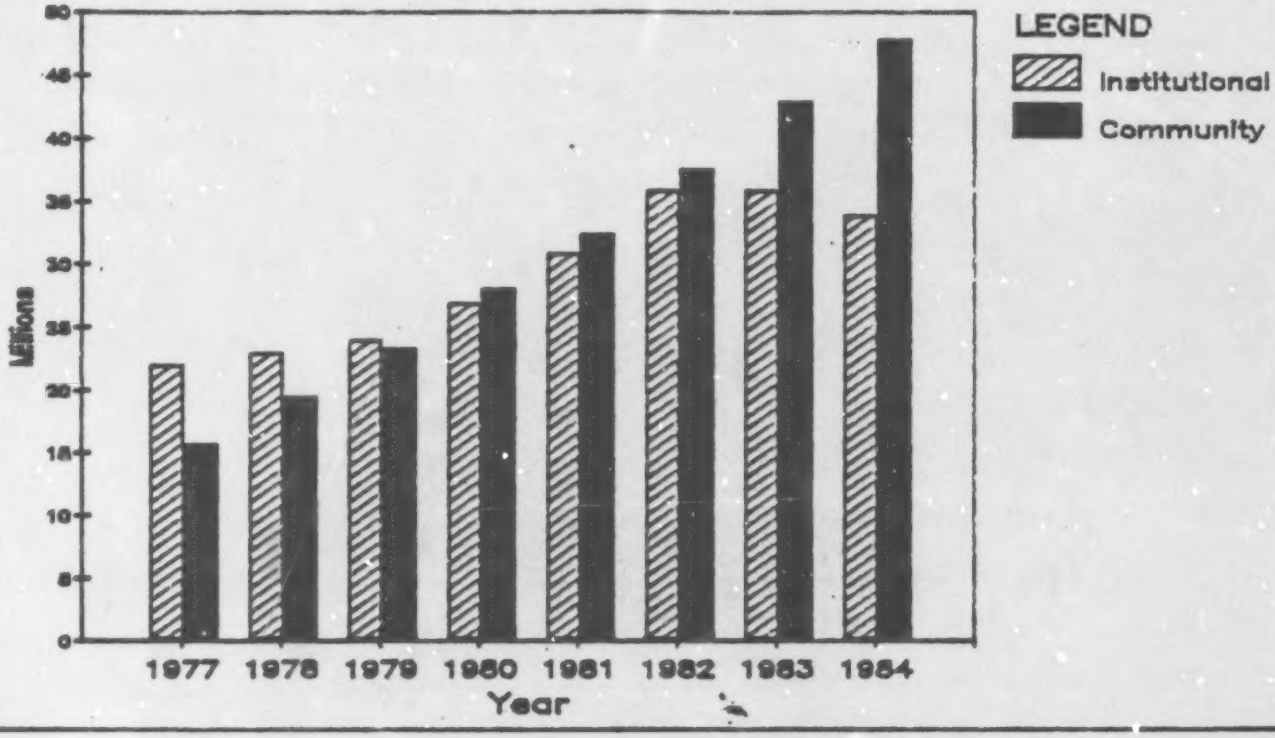


FY 1977–1984, *In 1977 Dollars*

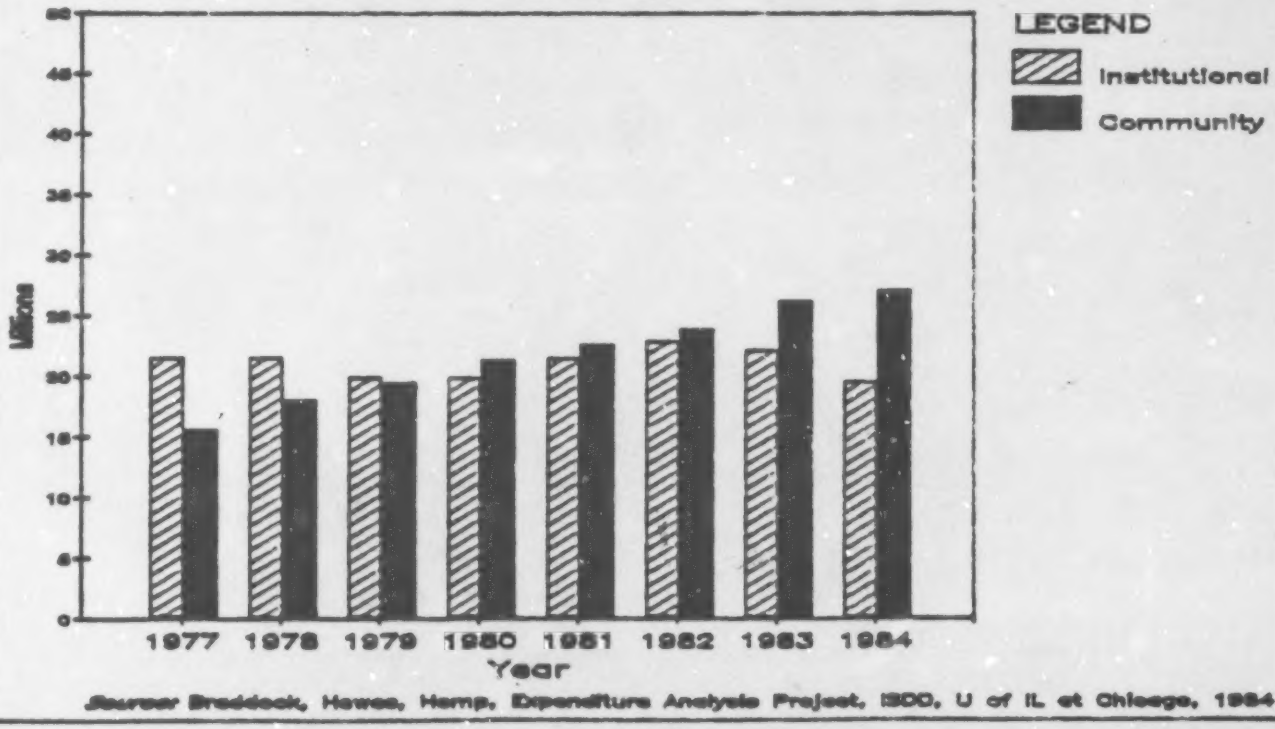


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

COLORADO
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

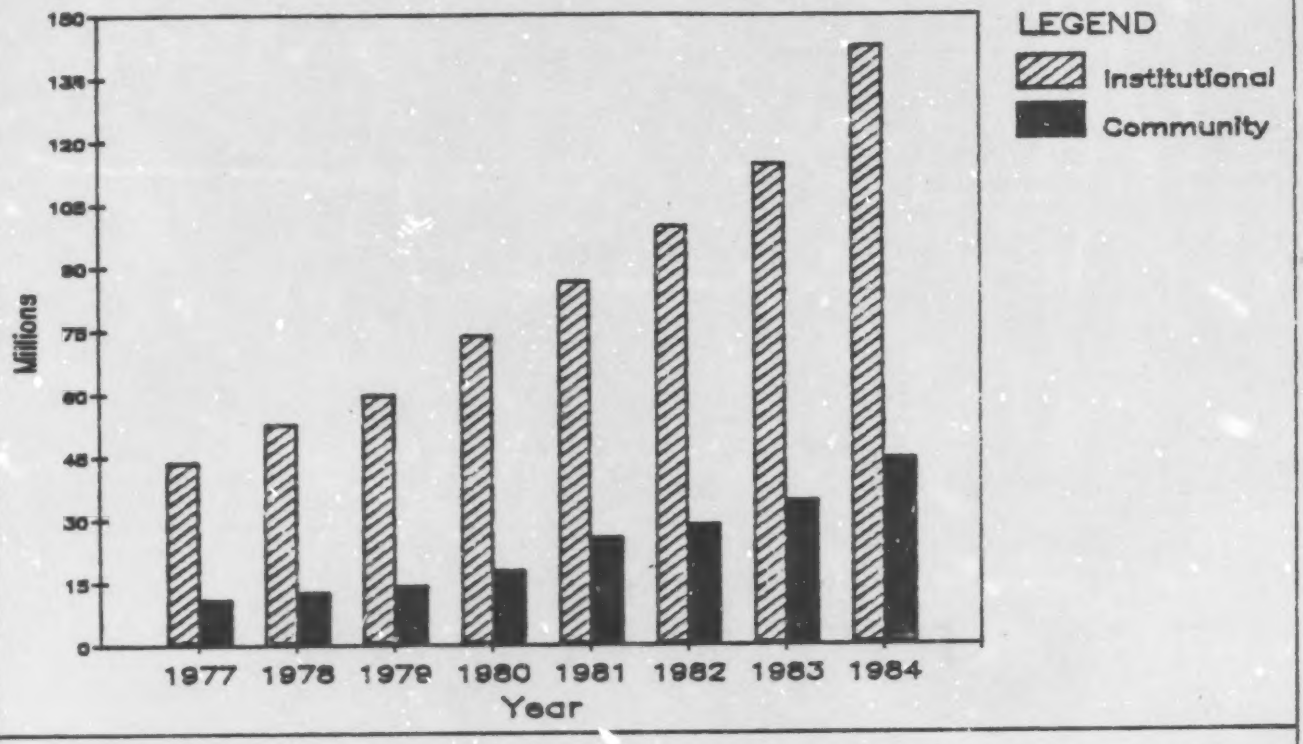


FY 1977–1984, *In 1977 Dollars*

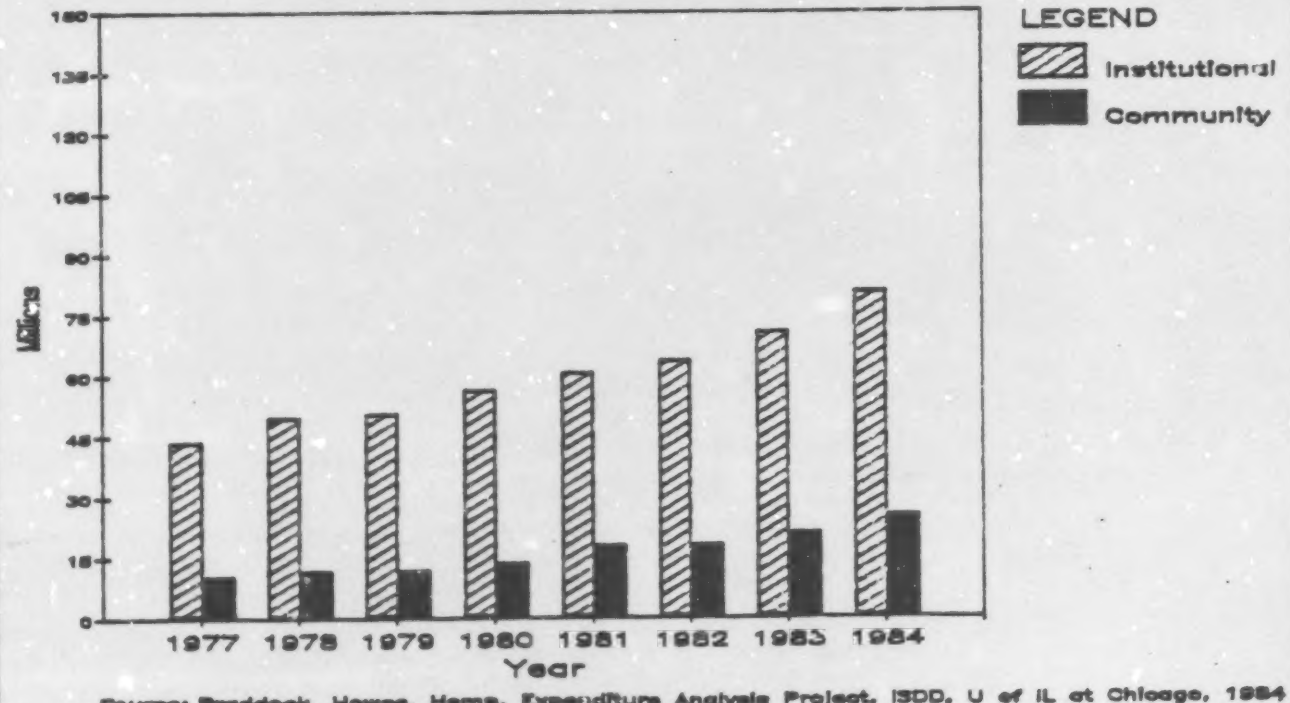


Source: Braddock, Hawes, Hemp, Expenditure Analysis Project, 1300, U of IL at Chicago, 1984

CONNECTICUT
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

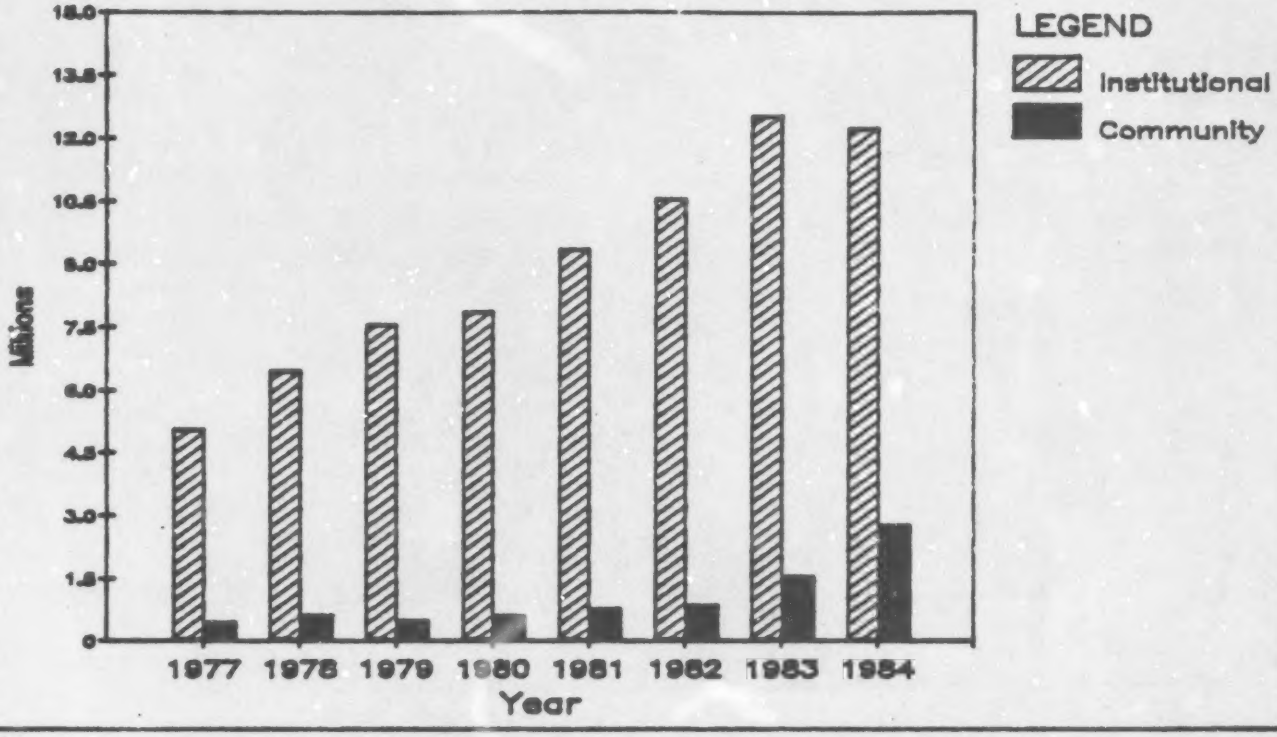


FY 1977--1984, *In 1977 Dollars*

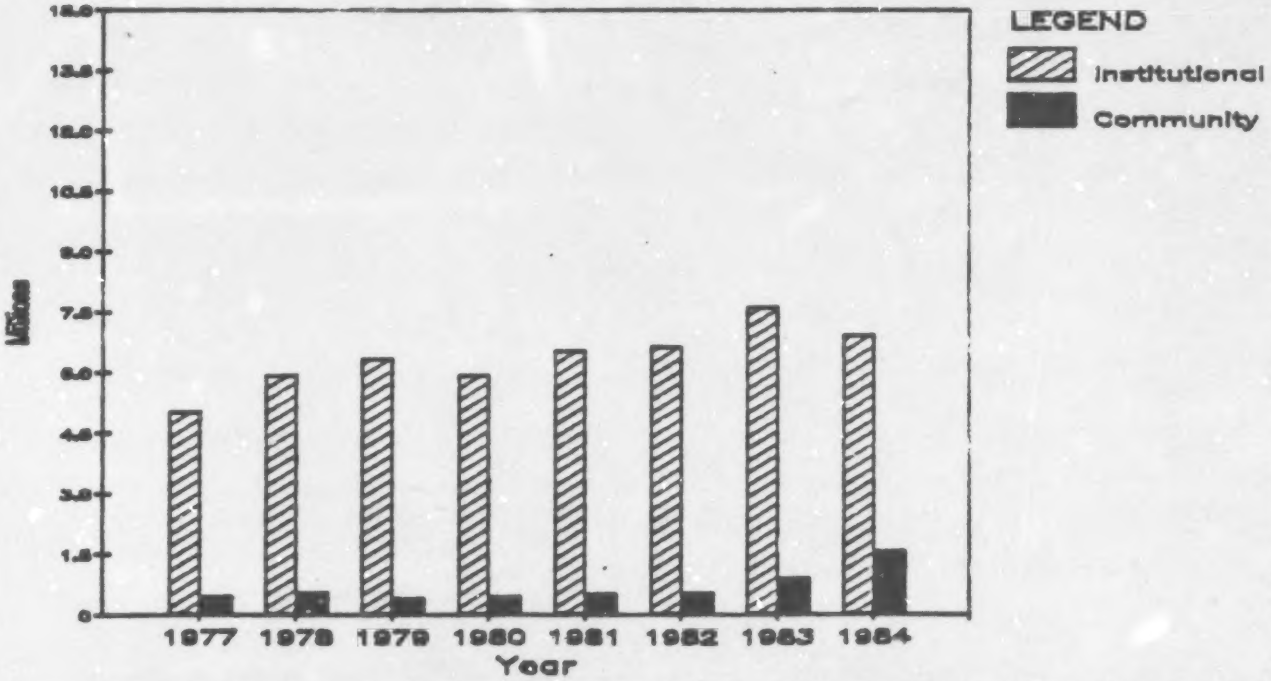


Source: Braddock, Howse, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

DELAWARE
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

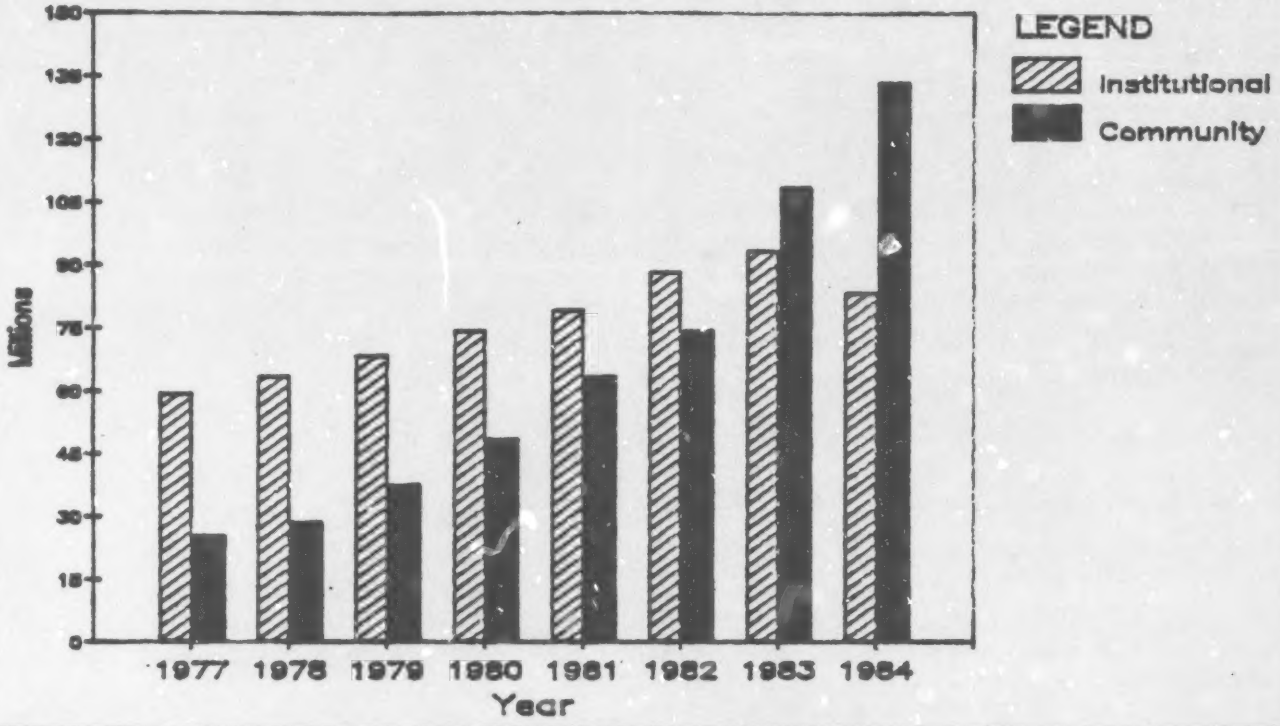


FY 1977–1984, *In 1977 Dollars*

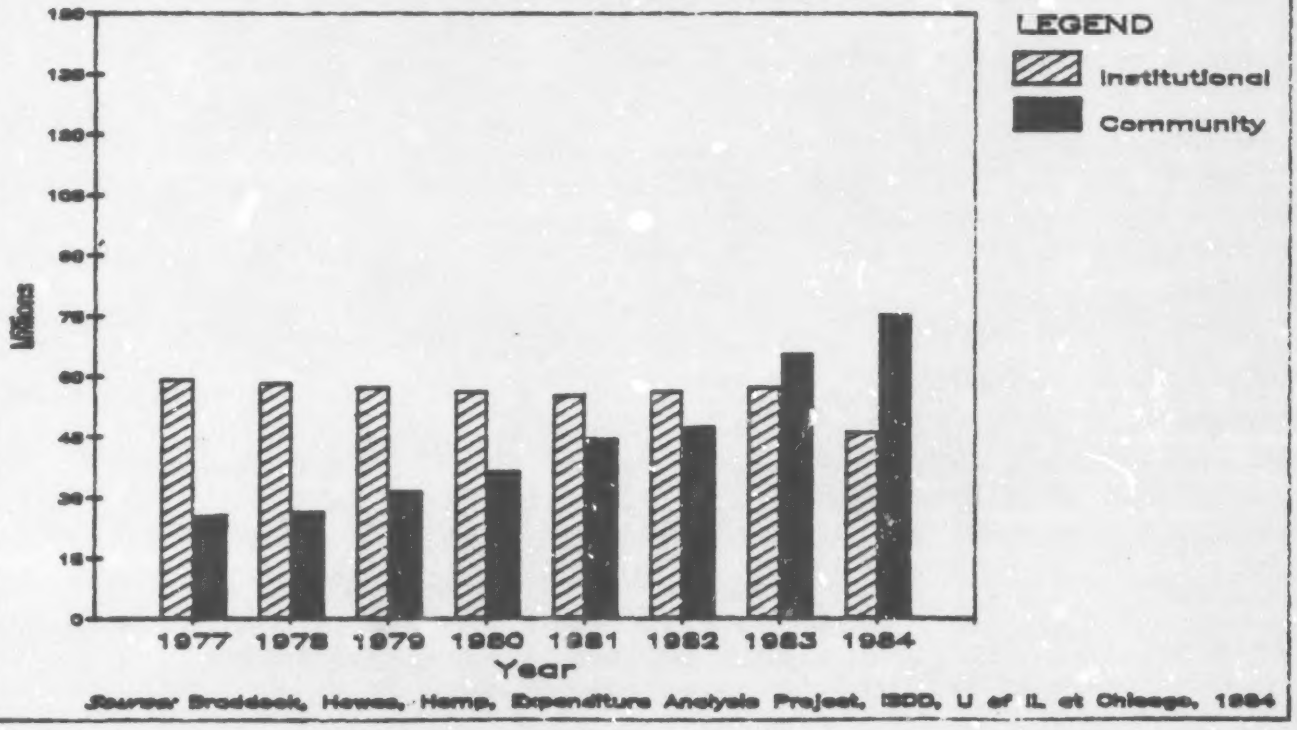


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, IDD, U of IL at Chicago, 1984

FLORIDA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

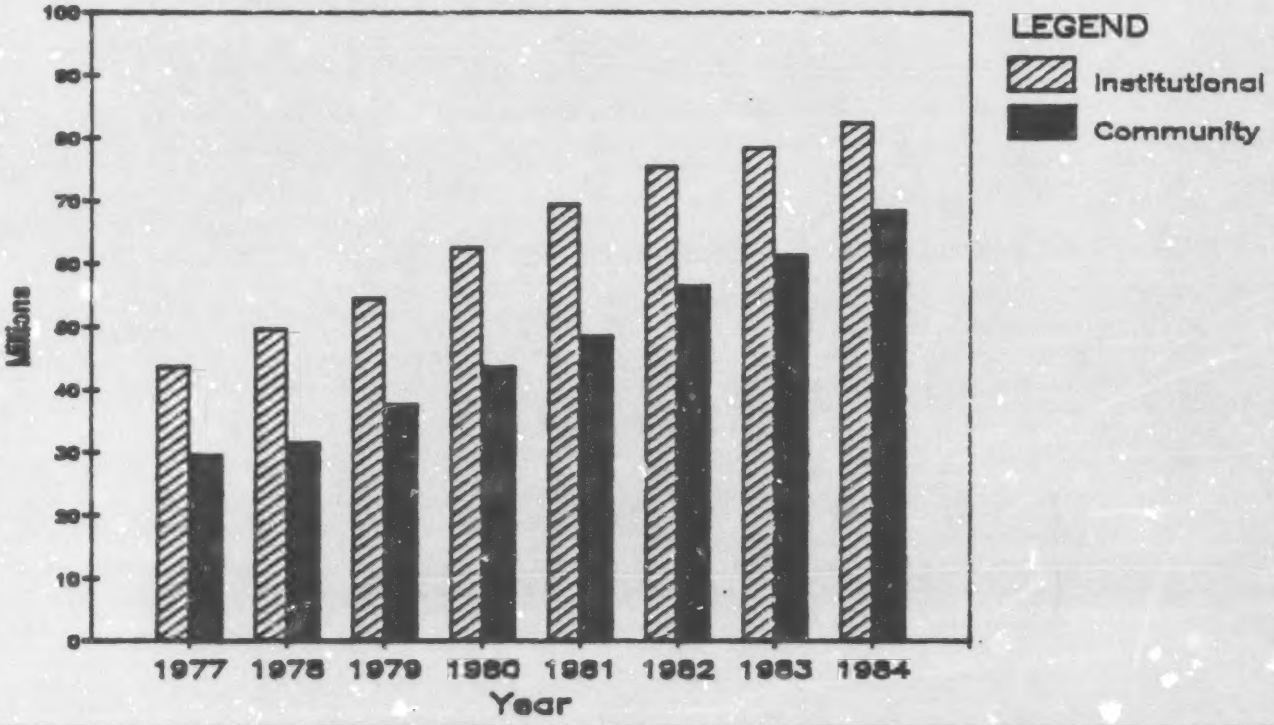


FY 1977–1984, *In 1977 Dollars*

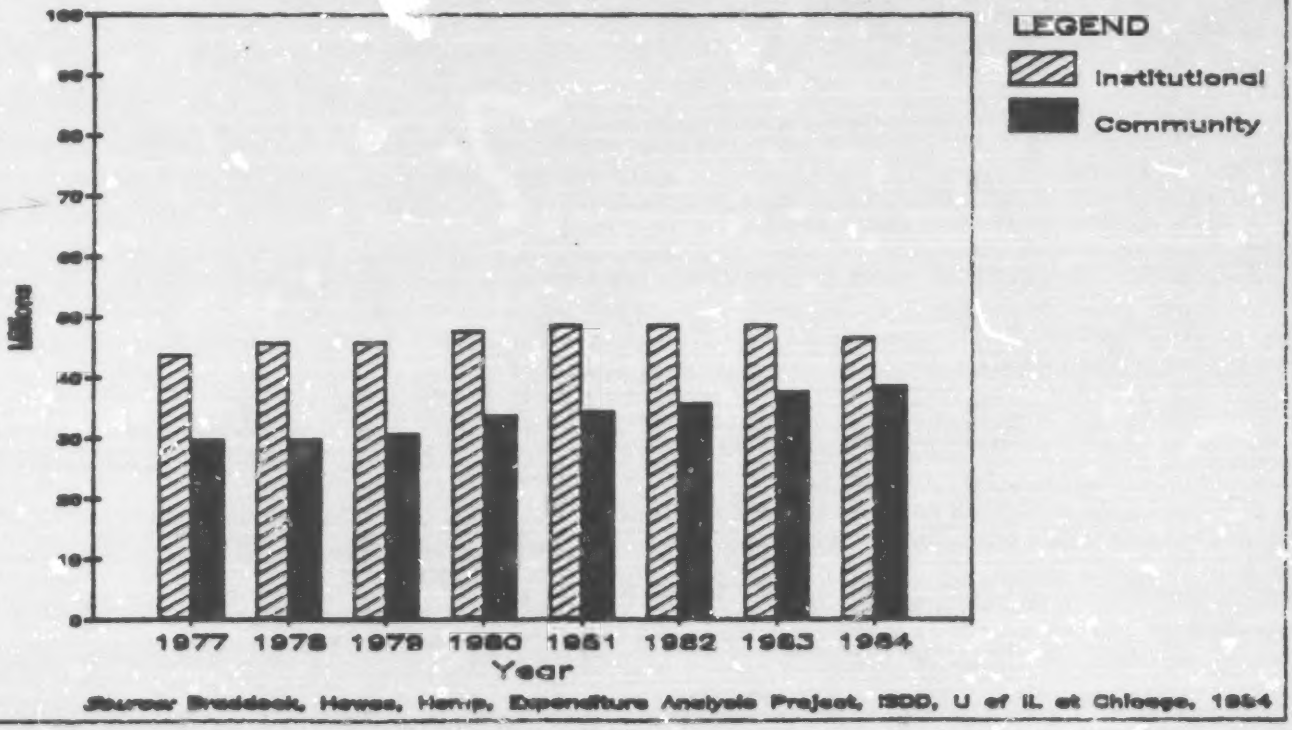


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

GEORGIA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*



FY 1977-1984, *In 1977 Dollars*

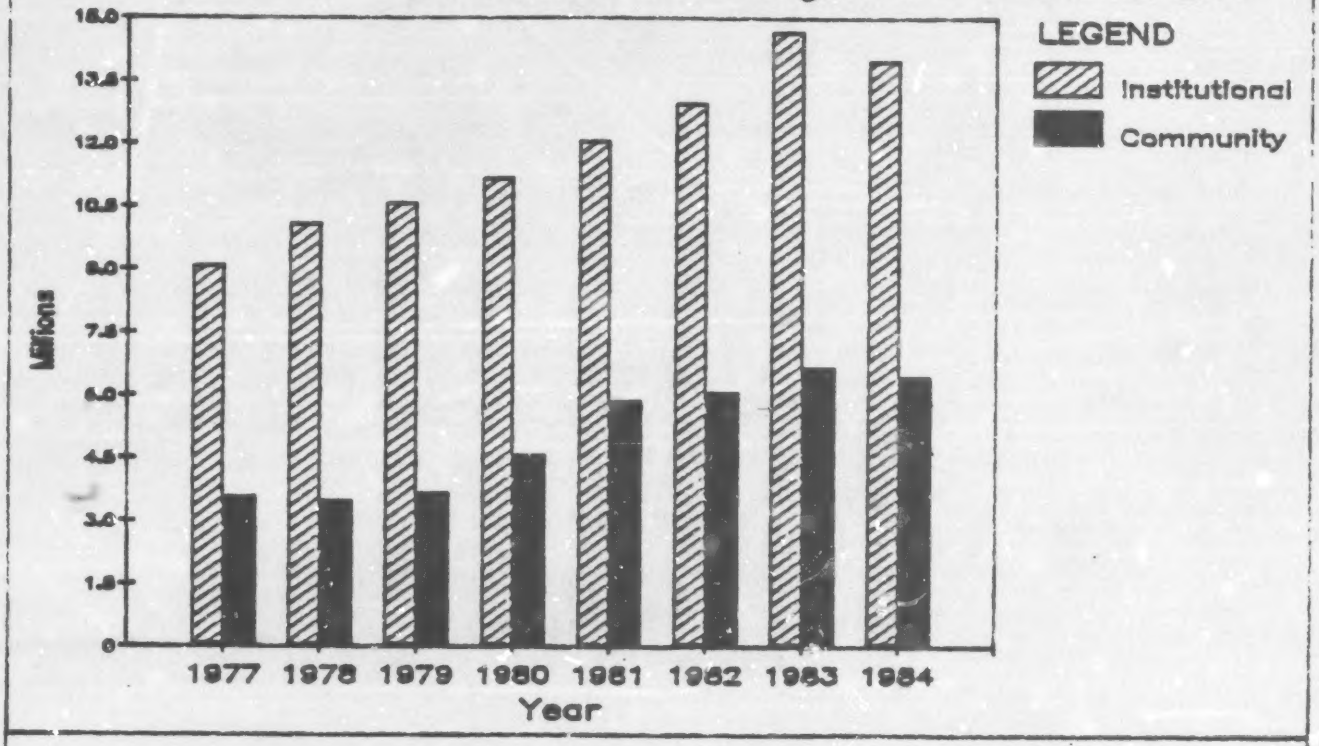


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

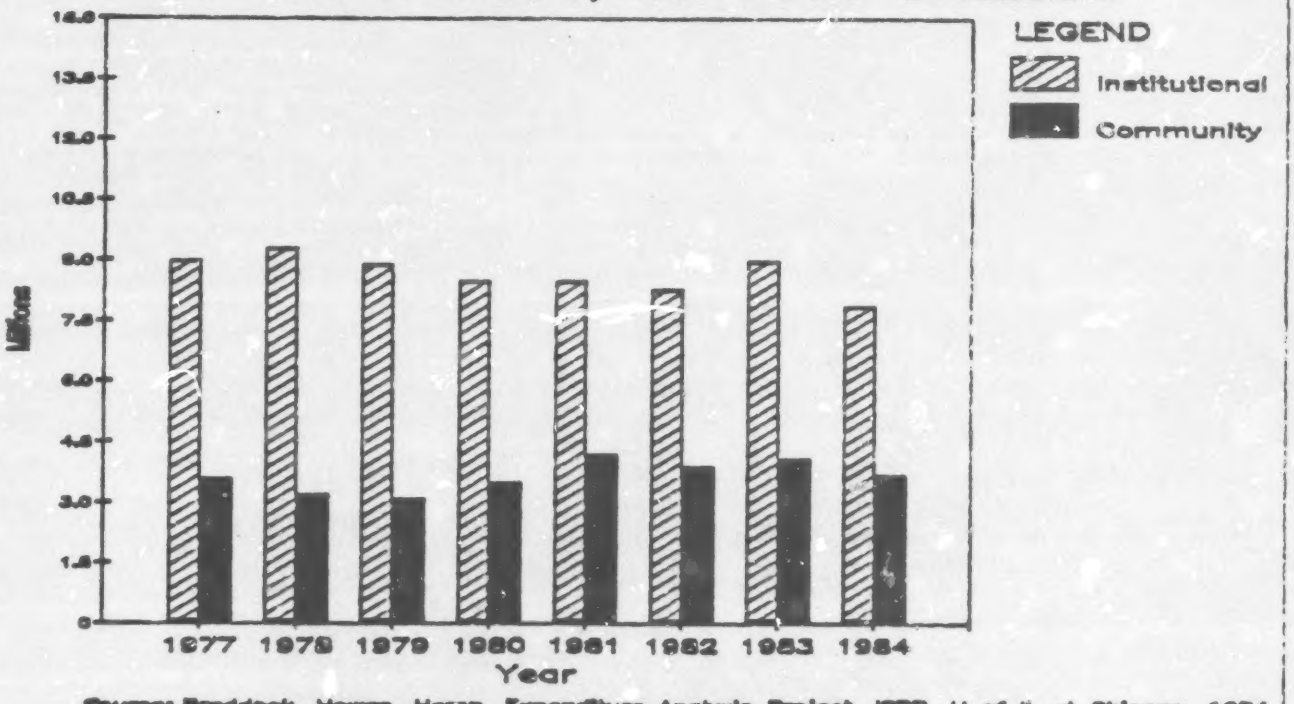
HAWAII

Comparative Annual MR/DD Expenditures for Institutional & Community Services

FY 1977–1984, *In Unadjusted Dollars*

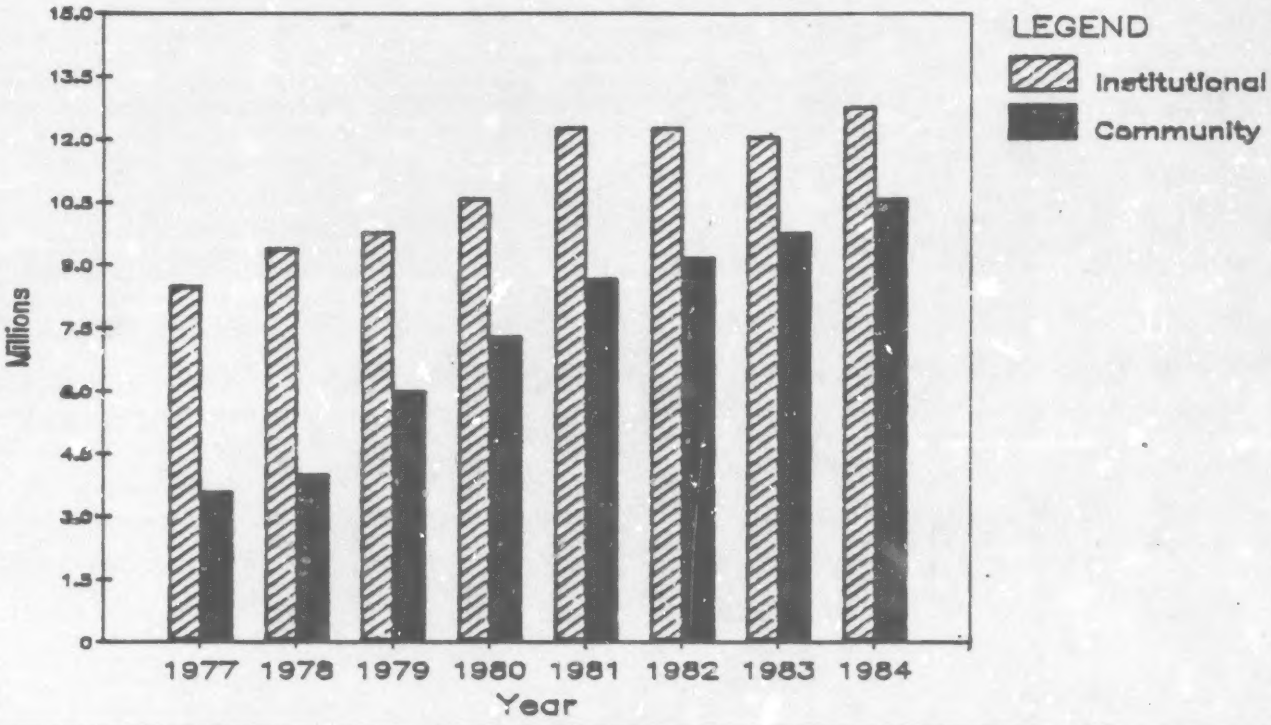


FY 1977–1984, *In 1977 Dollars*

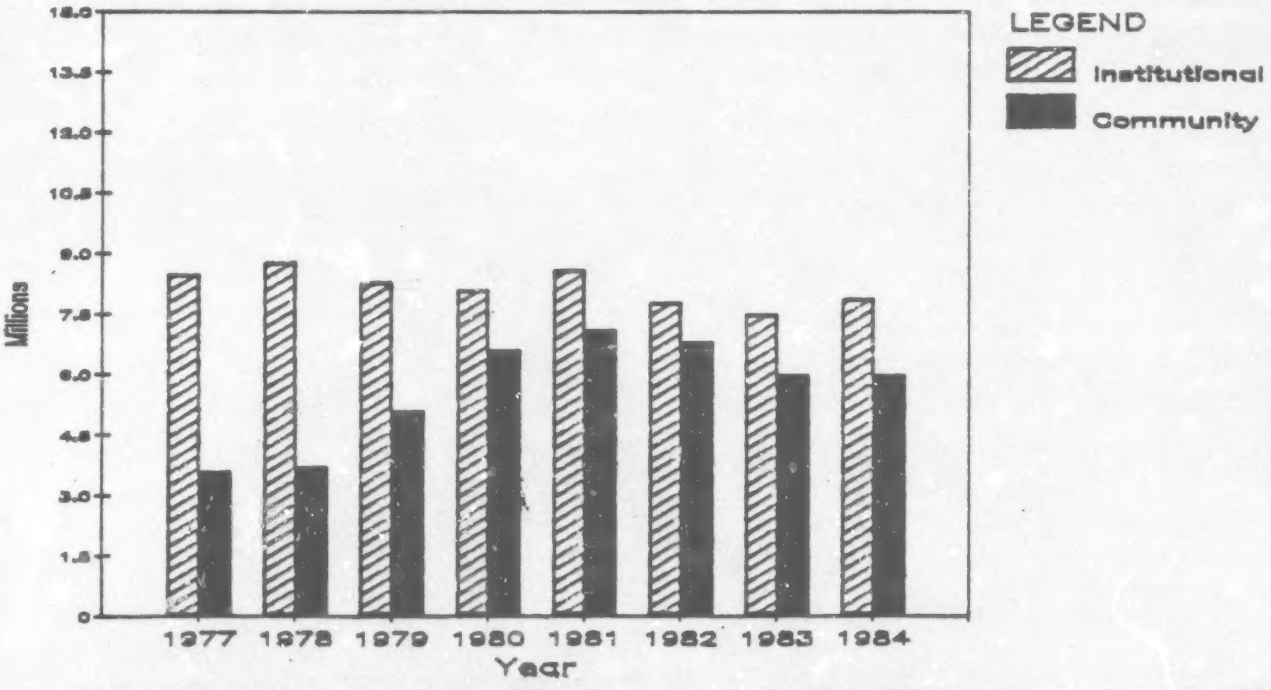


Source: Braddock, Hawkins, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

IDAHO
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977—1984, *In Unadjusted Dollars*

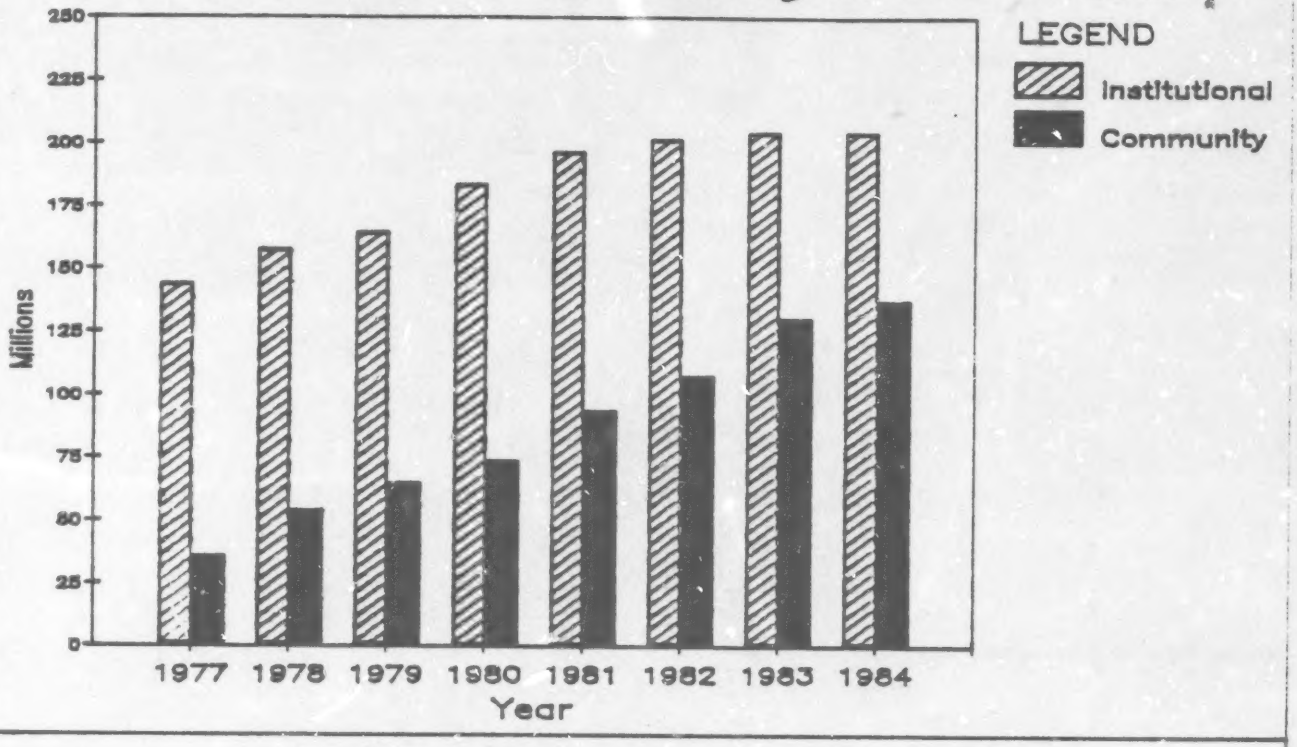


FY 1977—1984, *In 1977 Dollars*

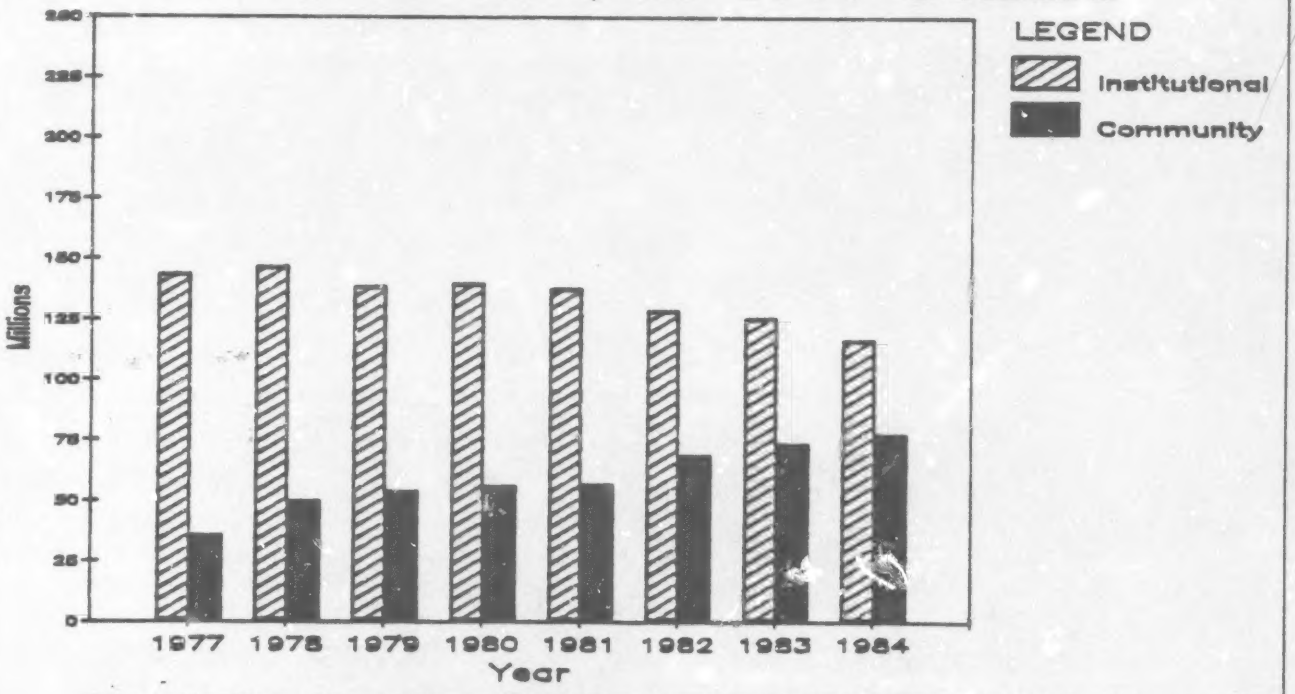


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

ILLINOIS
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977—1984, *In Unadjusted Dollars*

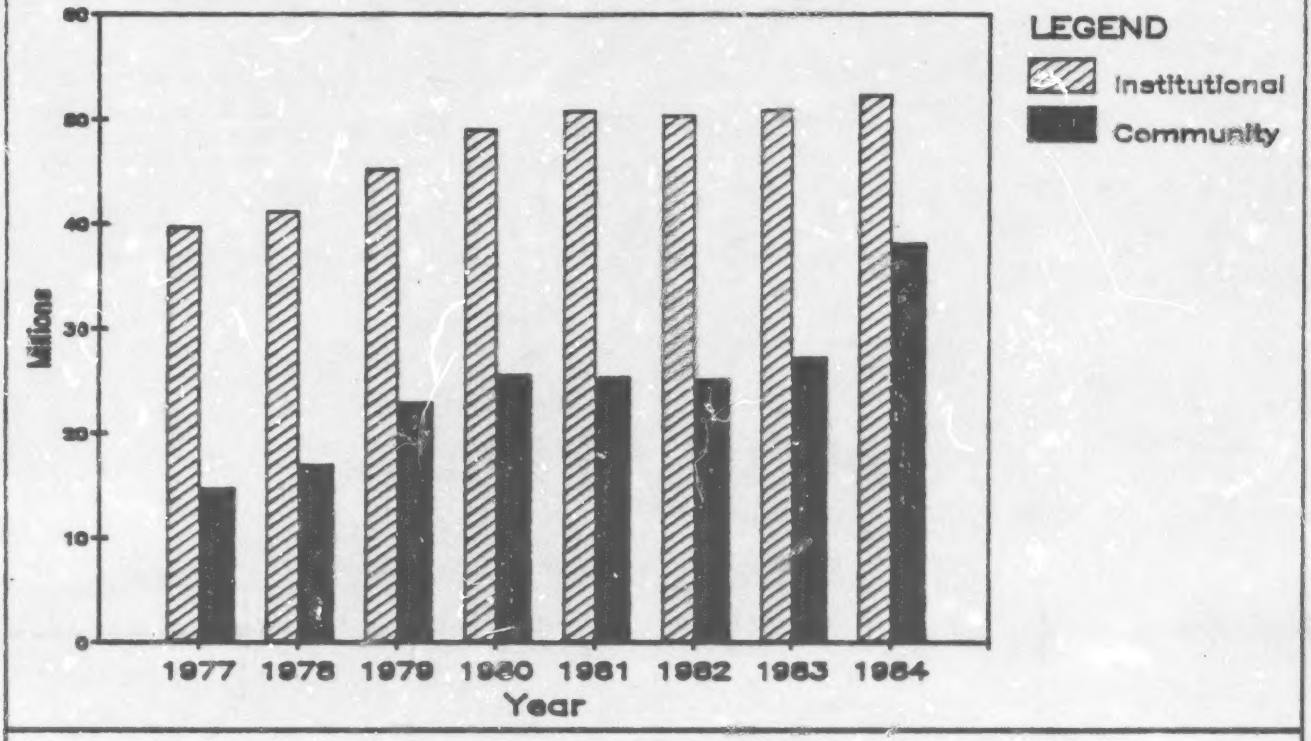


FY 1977—1984, *In 1977 Dollars*

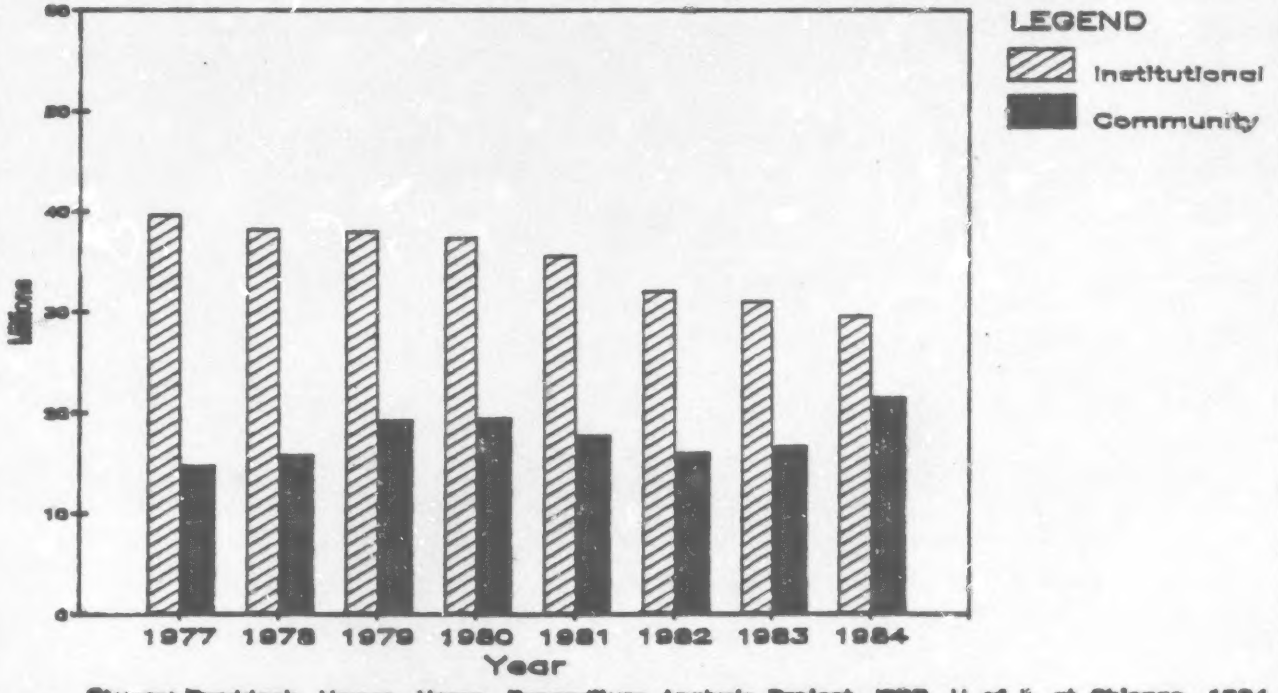


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

INDIANA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

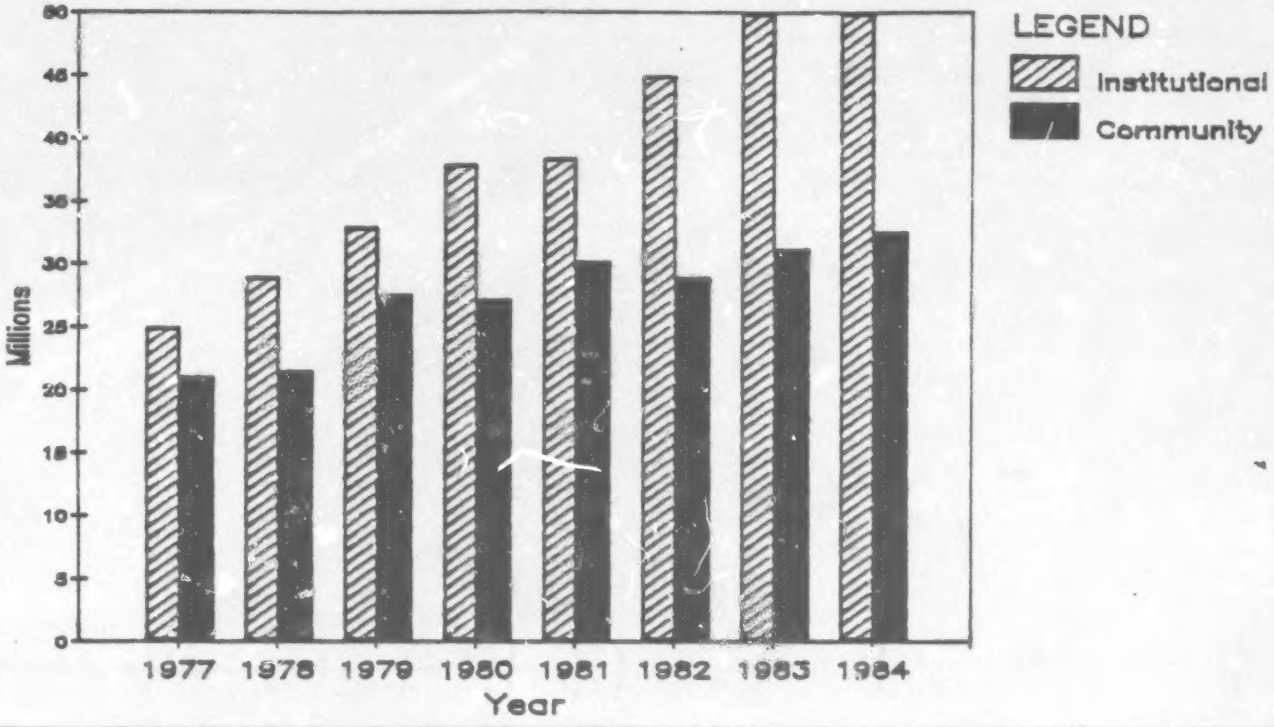


FY 1977--1984, *In 1977 Dollars*

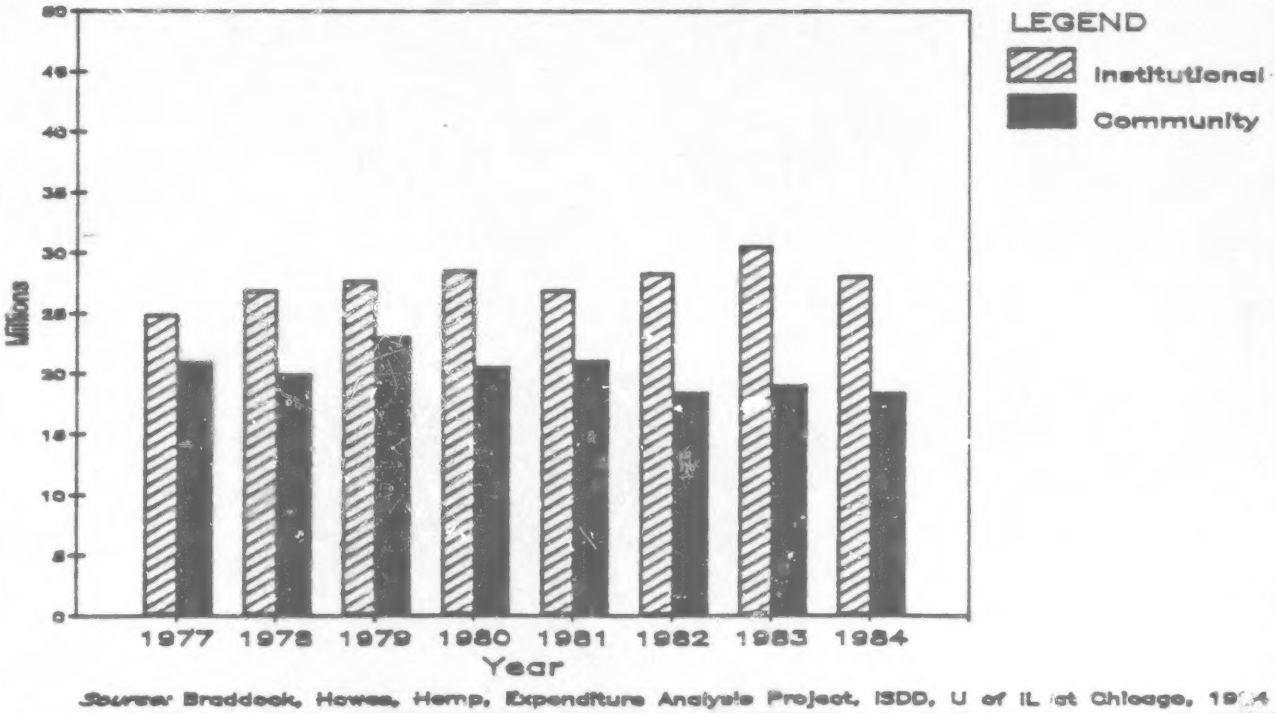


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, IDD, U of IL at Chicago, 1984

IOWA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

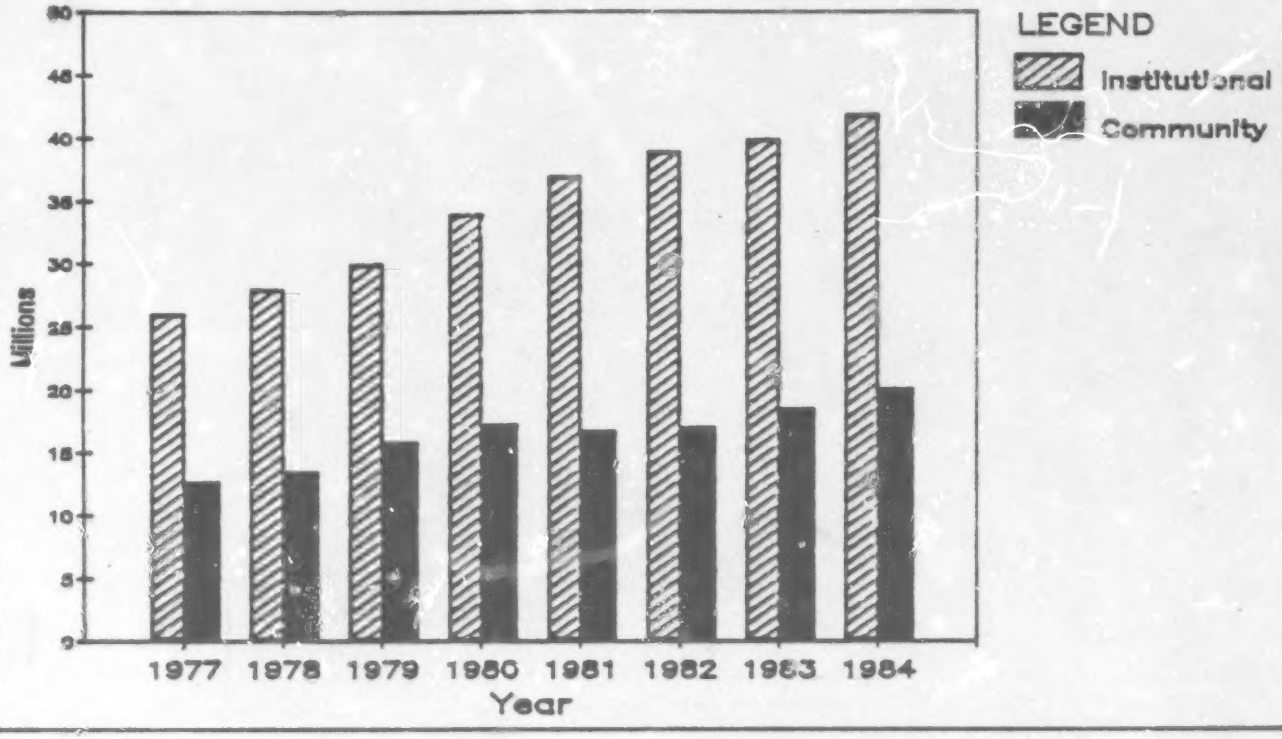


FY 1977–1984, *In 1977 Dollars*

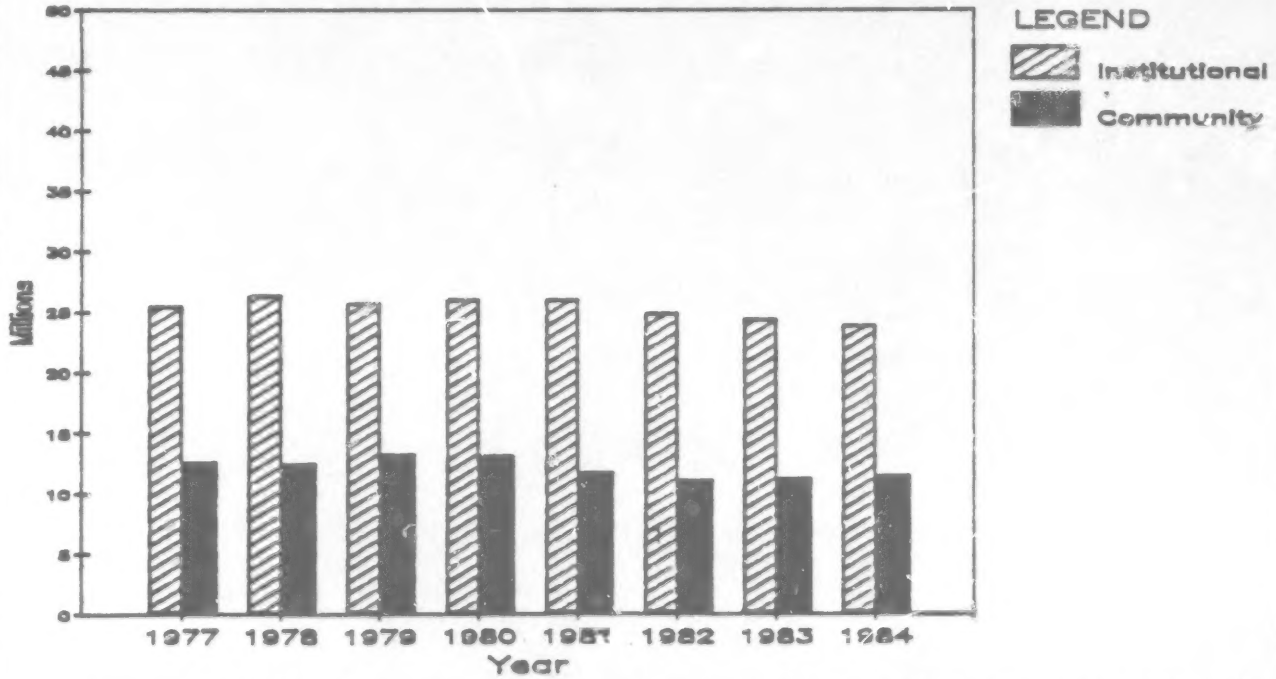


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

KANSAS
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

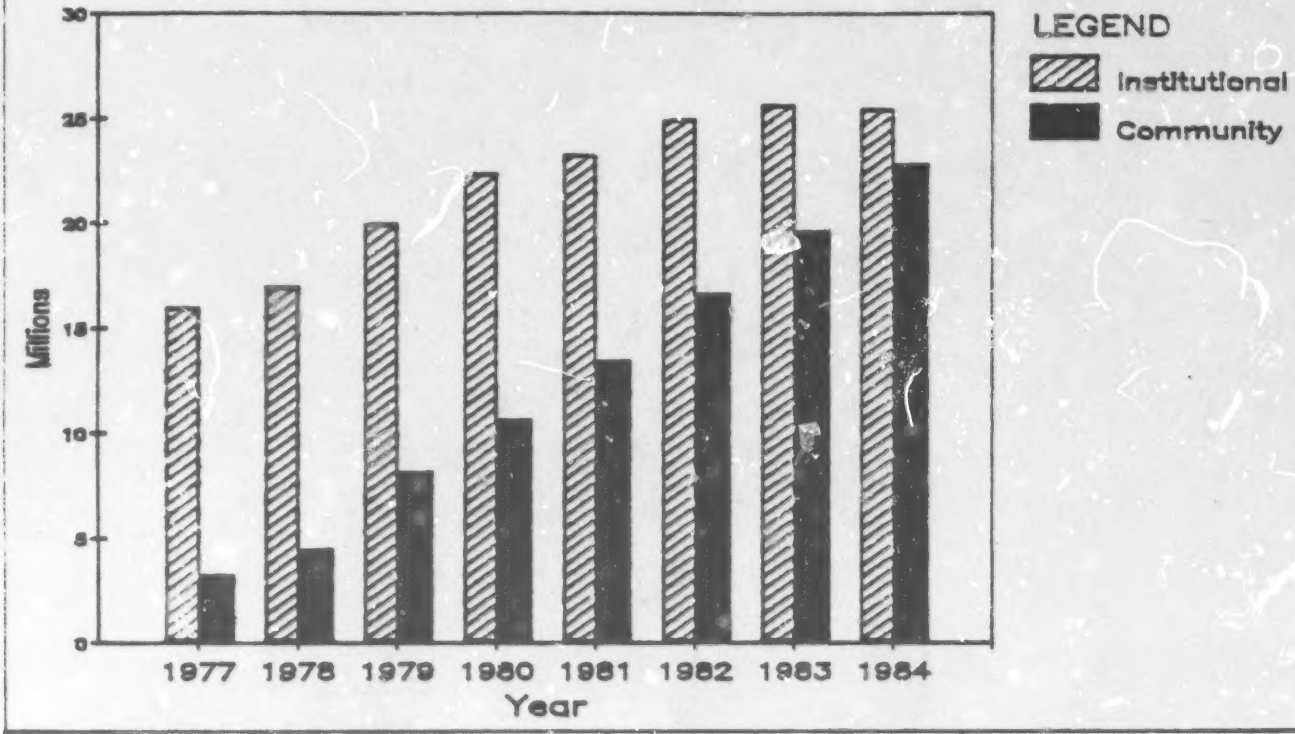


FY 1977–1984, *In 1977 Dollars*

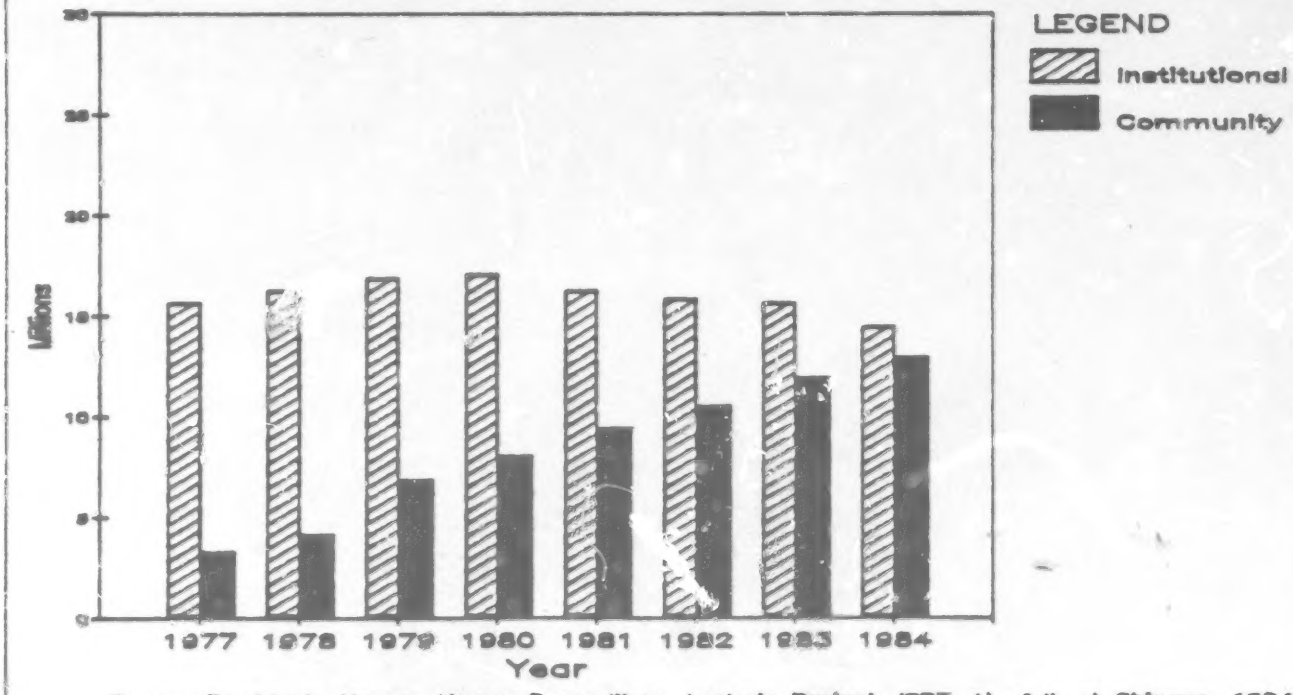


Source: Braddock, Hawkes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1985

KENTUCKY
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977—1984, *In Unadjusted Dollars*

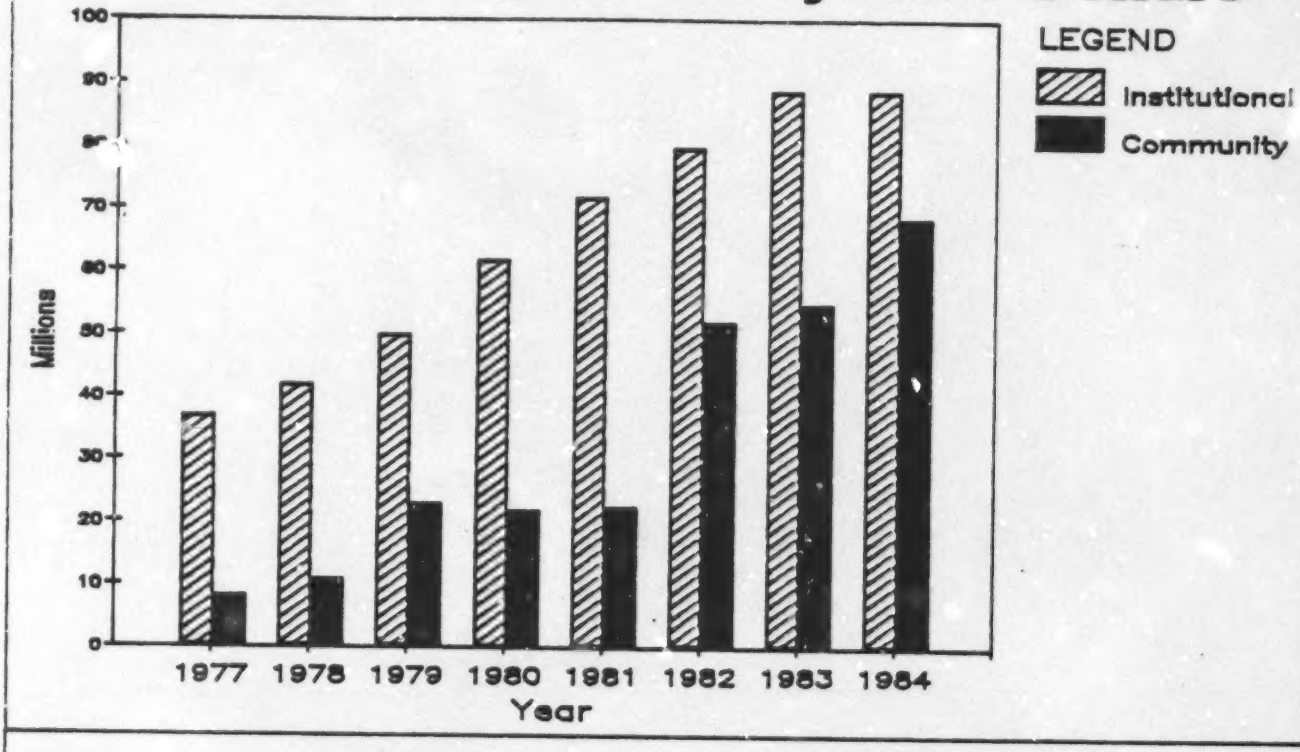


FY 1977—1984, *In 1977 Dollars*

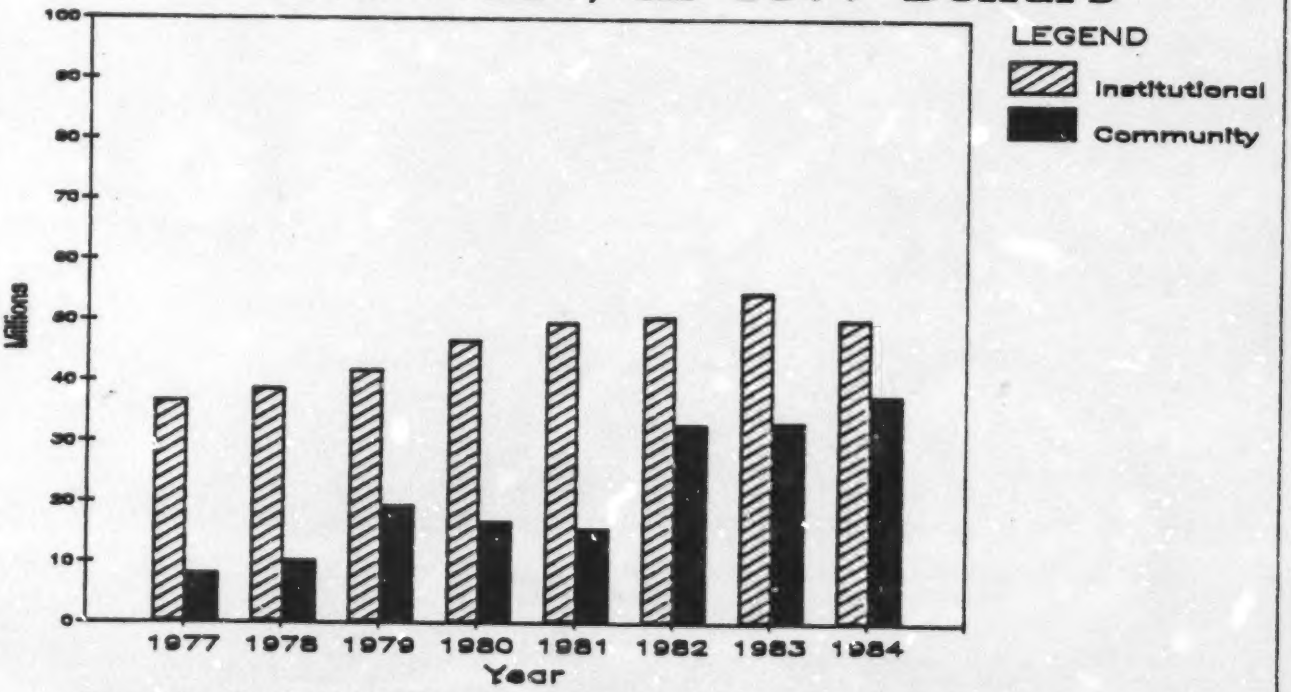


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

LOUISIANA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

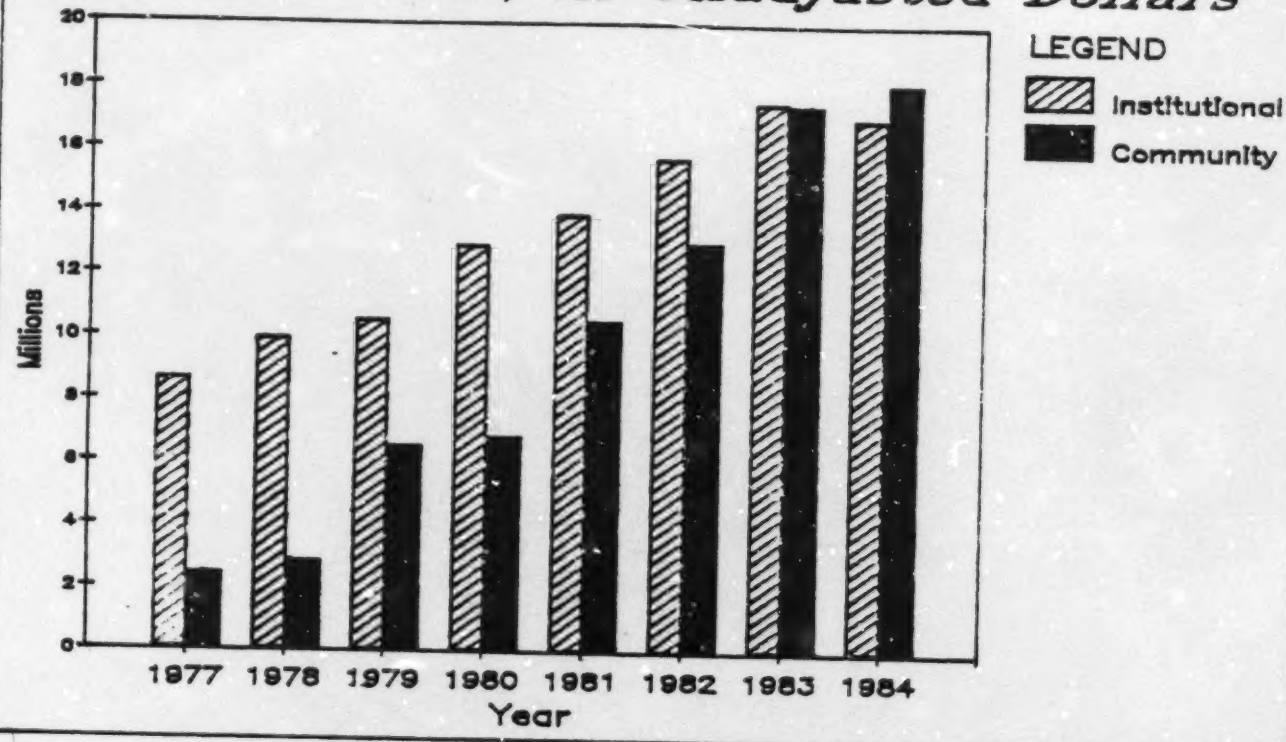


FY 1977–1984, *In 1977 Dollars*

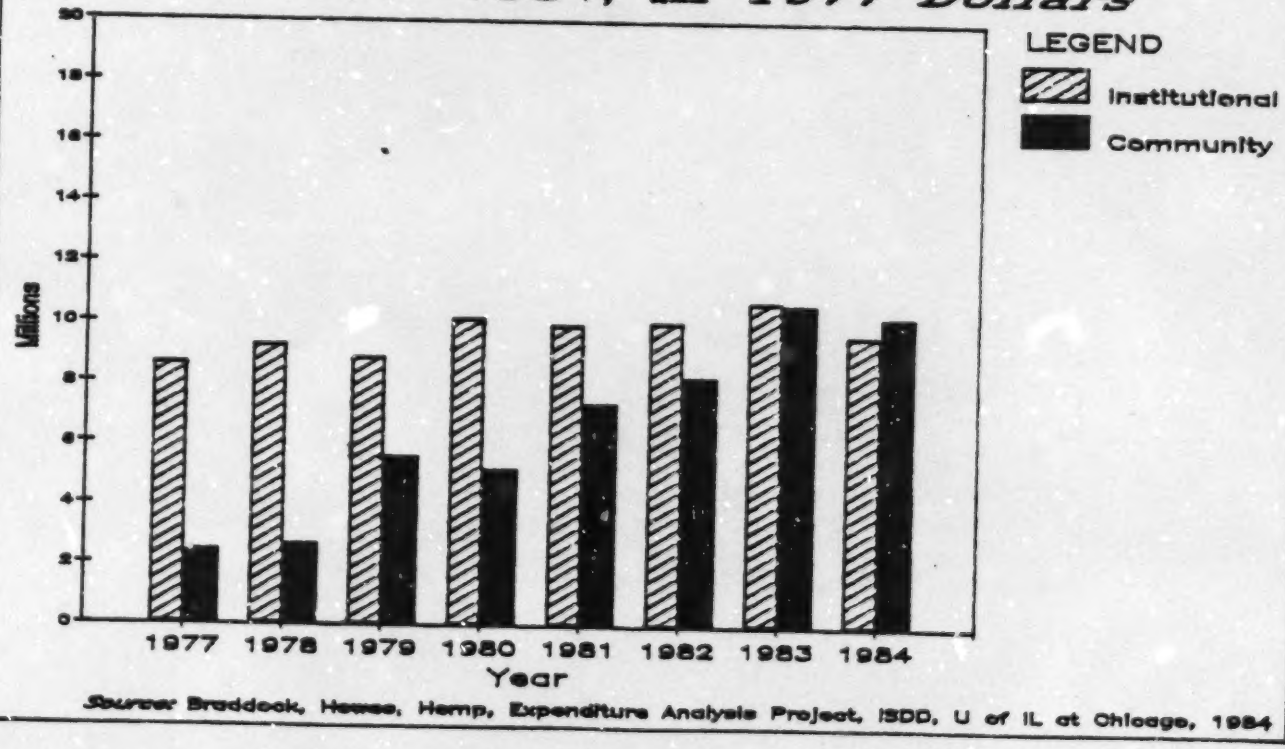


Source: Braddock, Howse, Hemp... Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MAINE
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

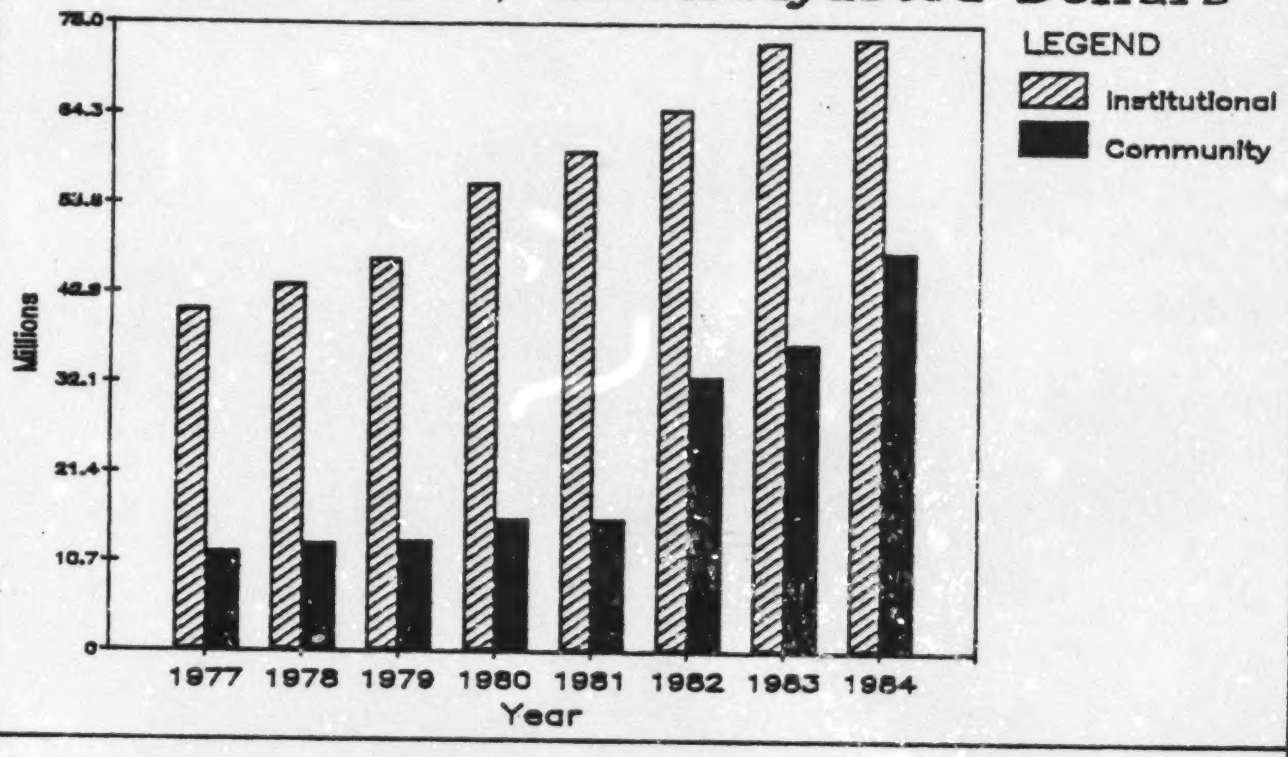


FY 1977–1984, *In 1977 Dollars*

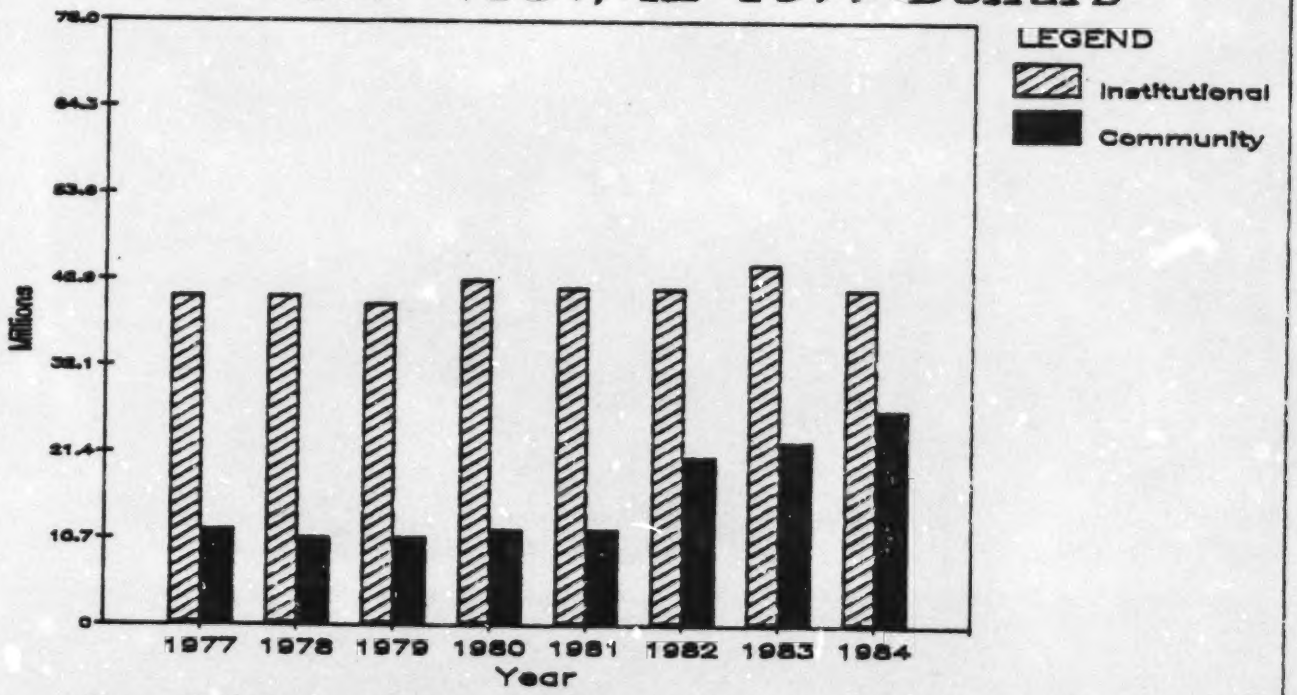


Source: Braddock, Hemus, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MARYLAND
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

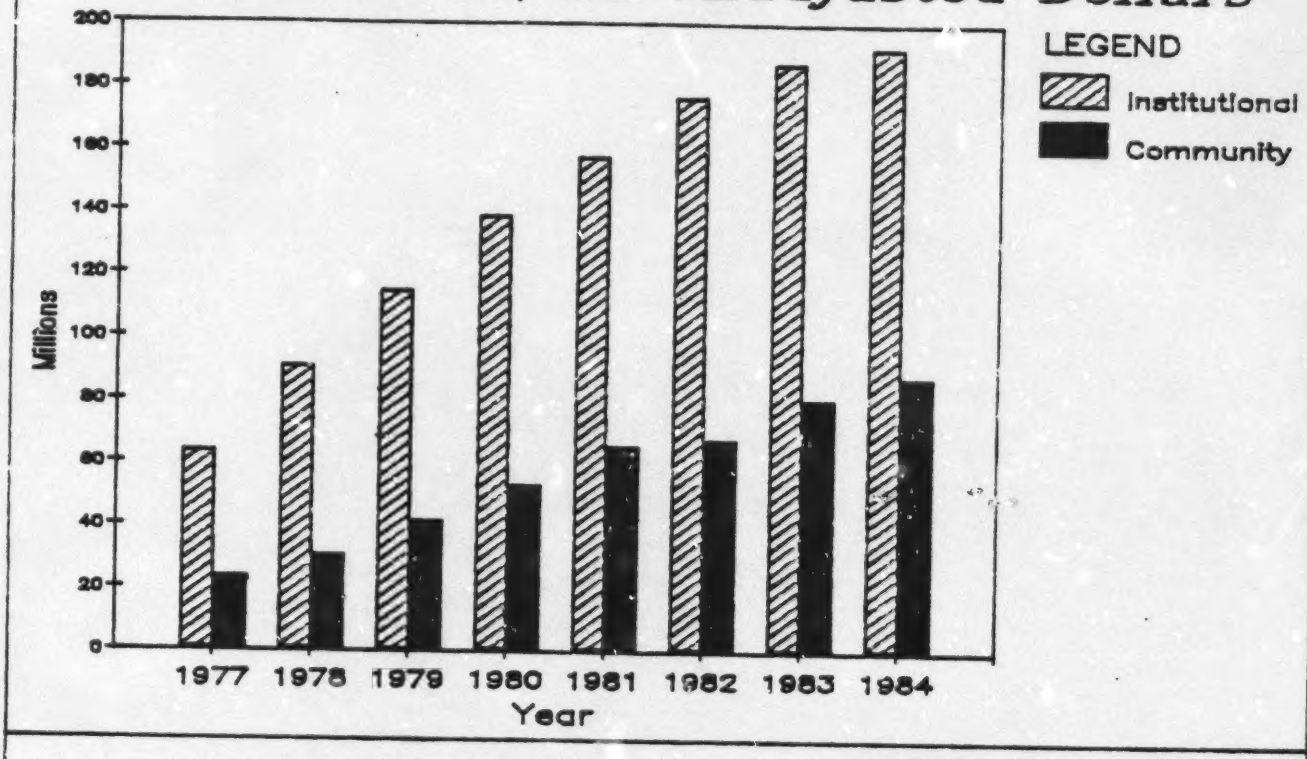


FY 1977–1984, *In 1977 Dollars*

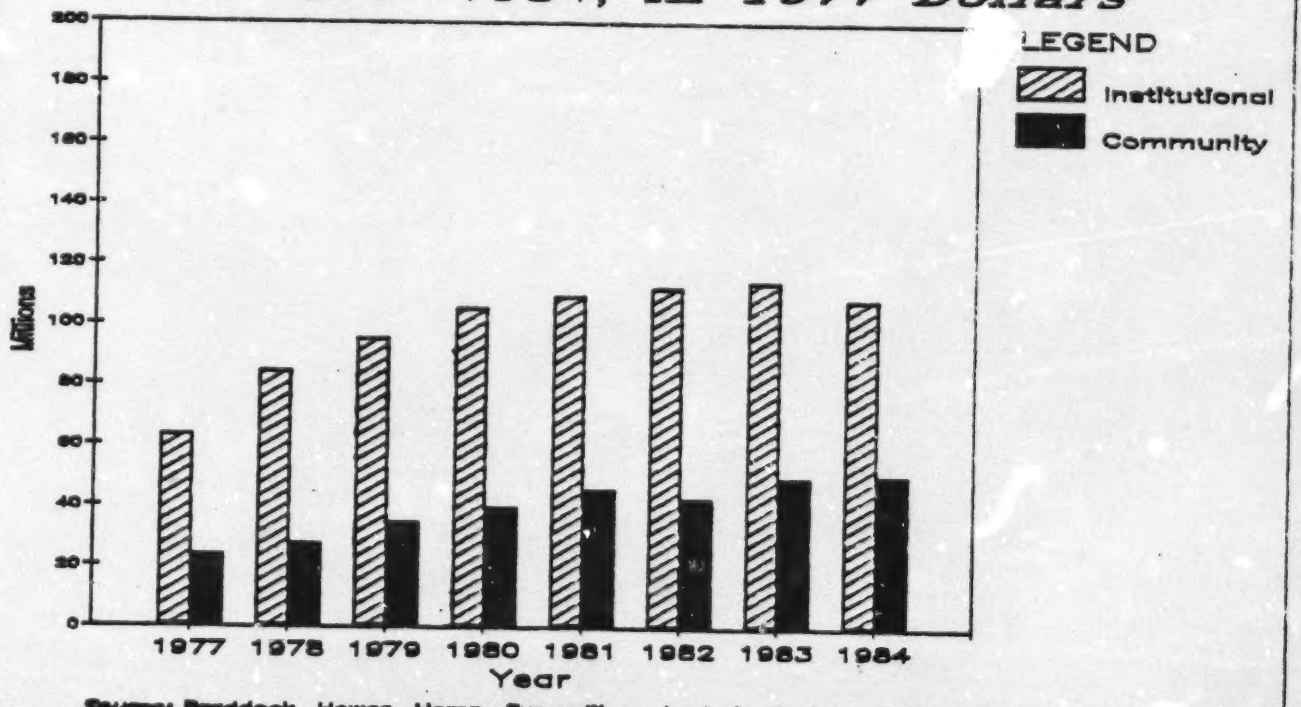


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MASSACHUSETTS
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977—1984, *In Unadjusted Dollars*

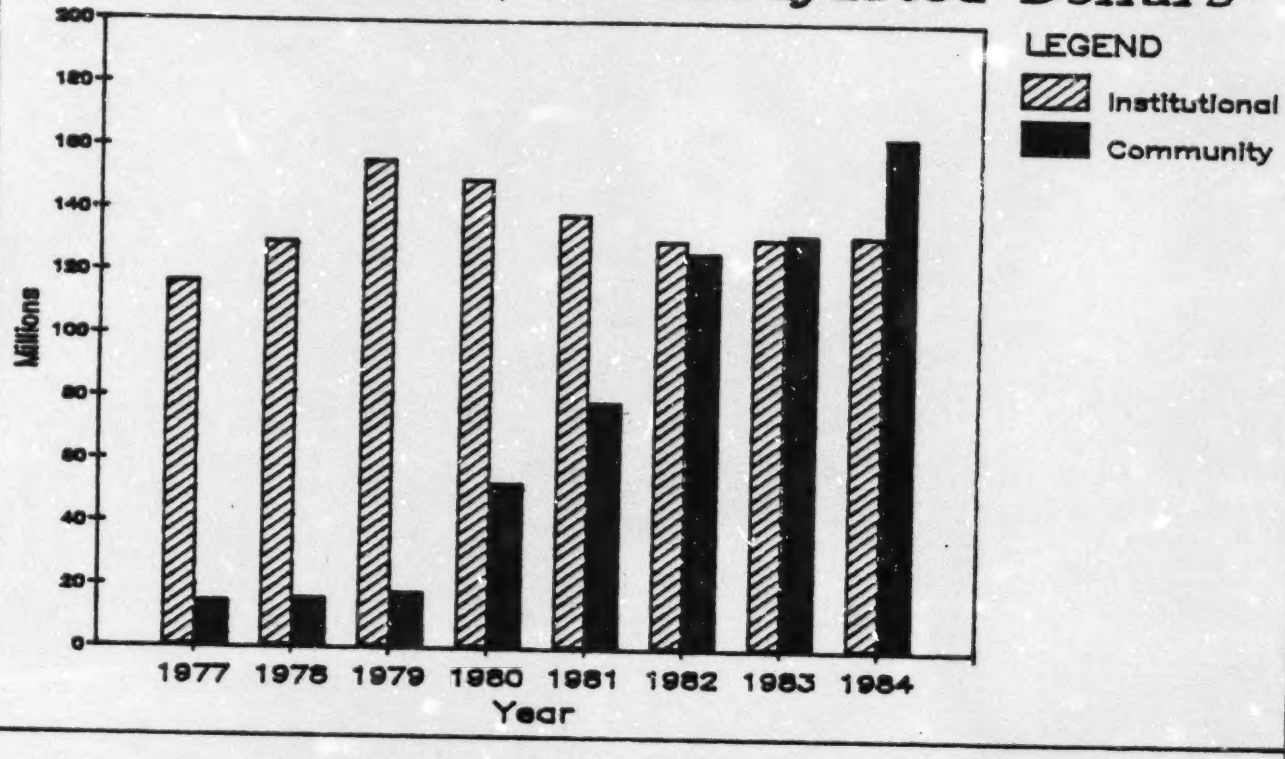


FY 1977—1984, *In 1977 Dollars*

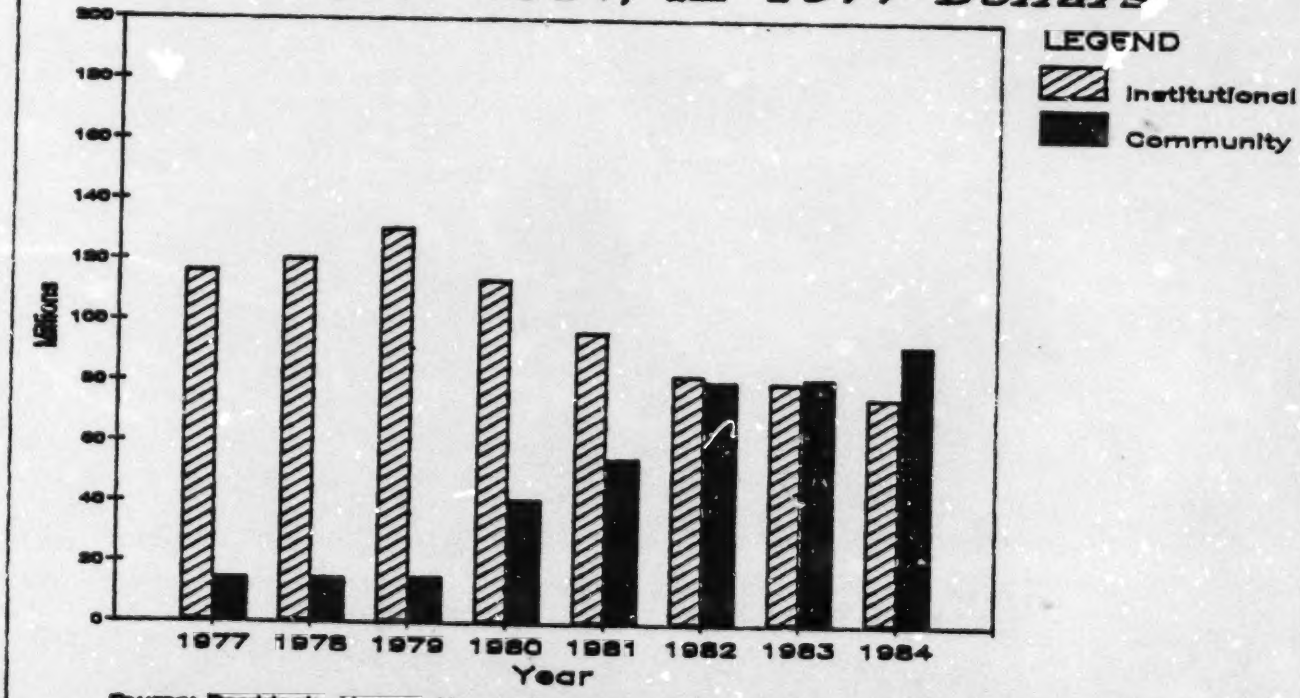


Source: Braddock, Howse, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MICHIGAN
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977--1984, *In Unadjusted Dollars*

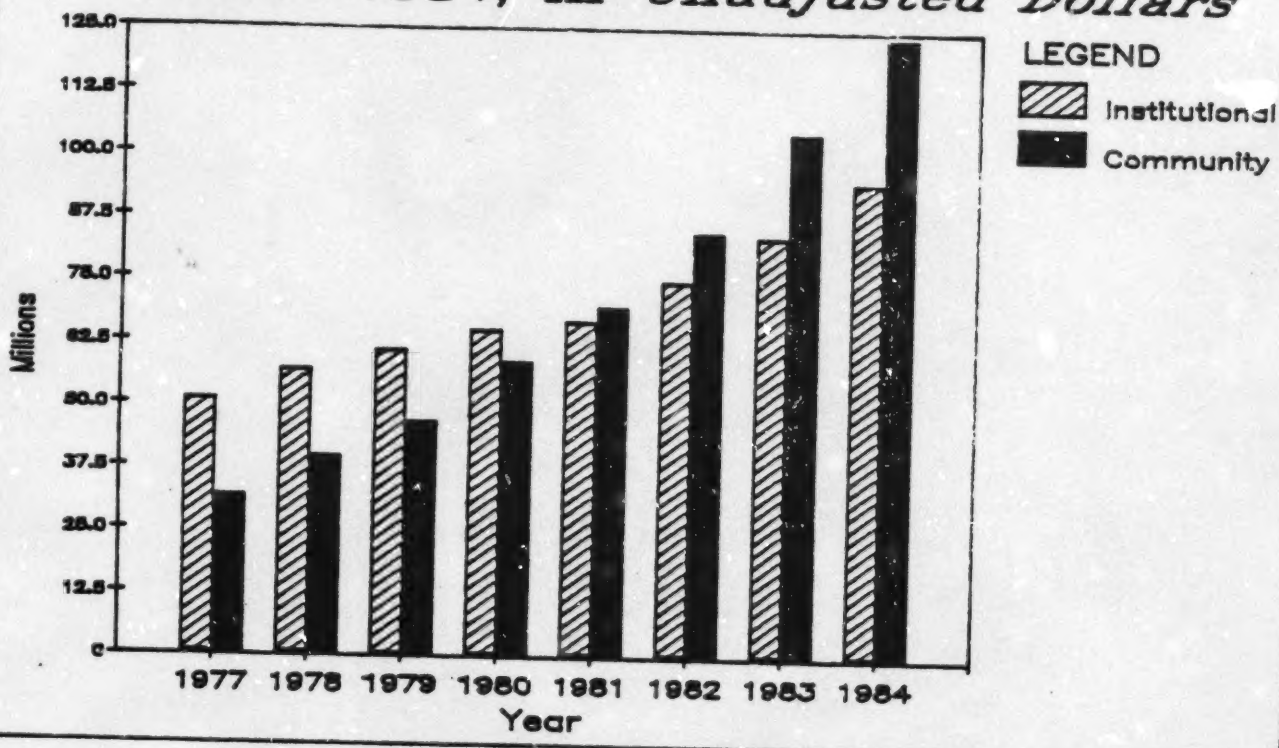


FY 1977--1984, *In 1977 Dollars*

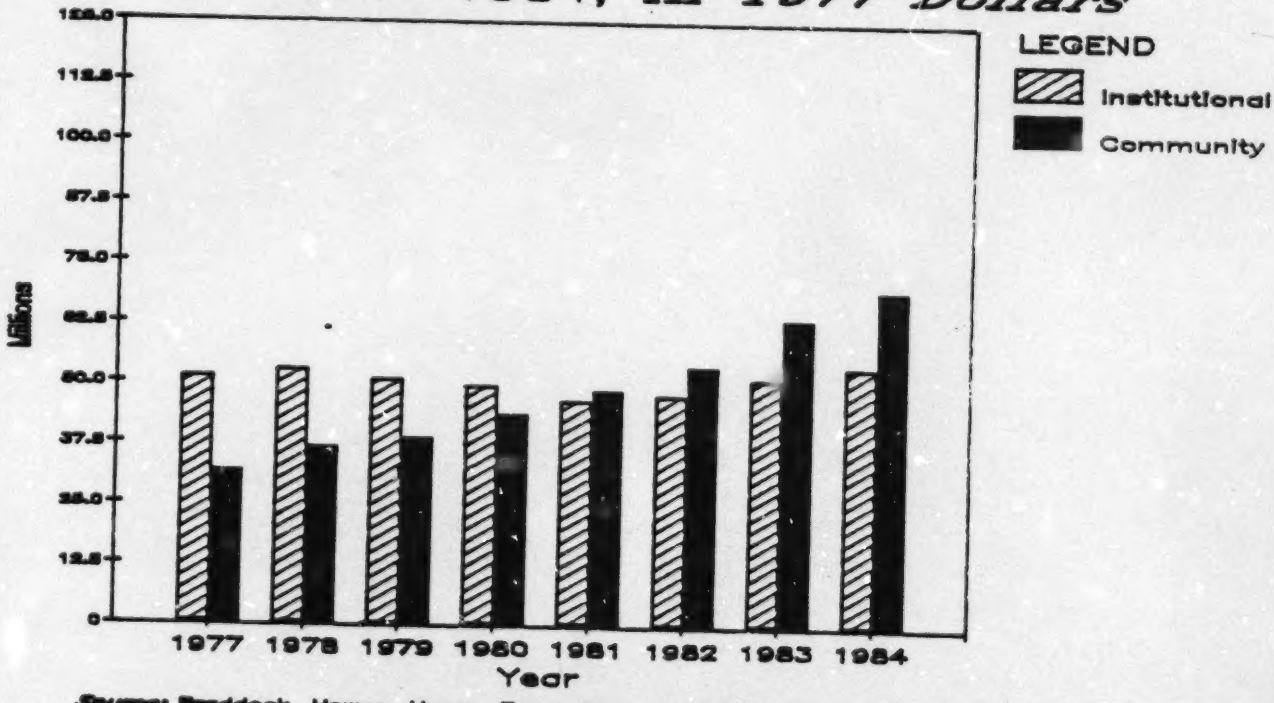


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MINNESOTA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

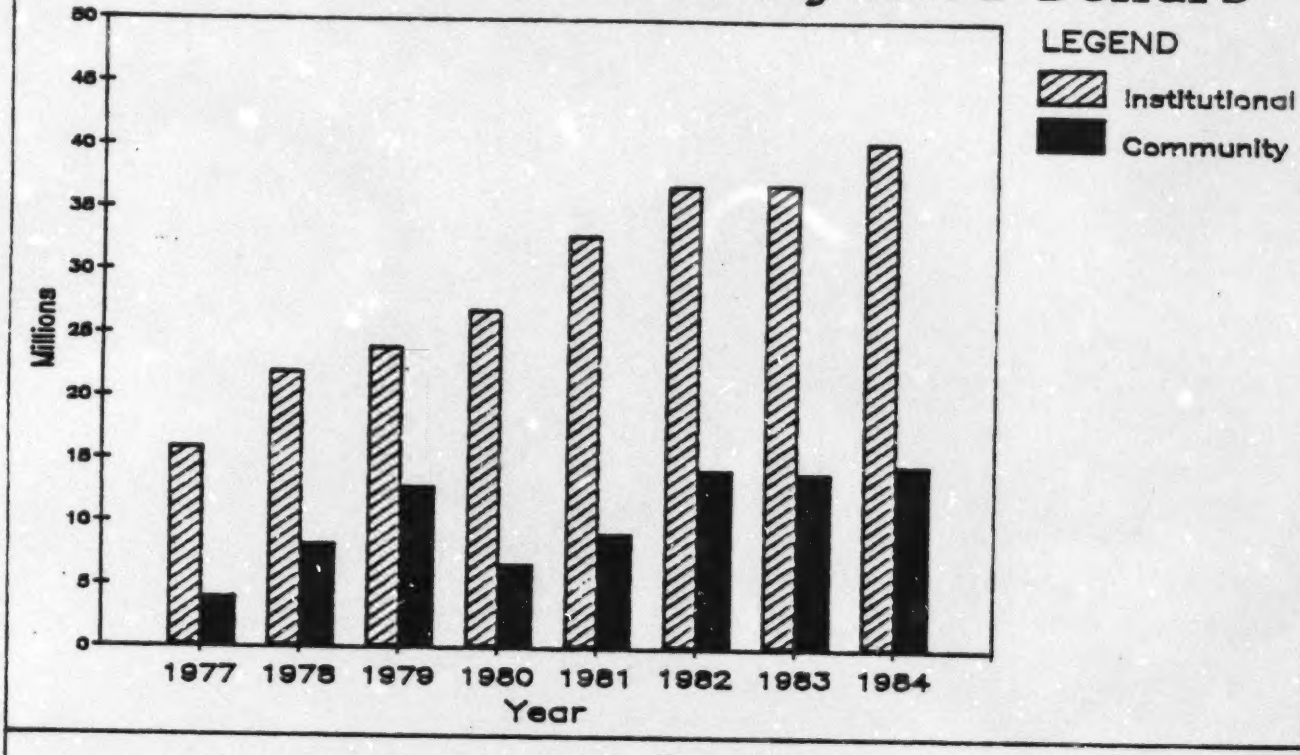


FY 1977–1984, *In 1977 Dollars*

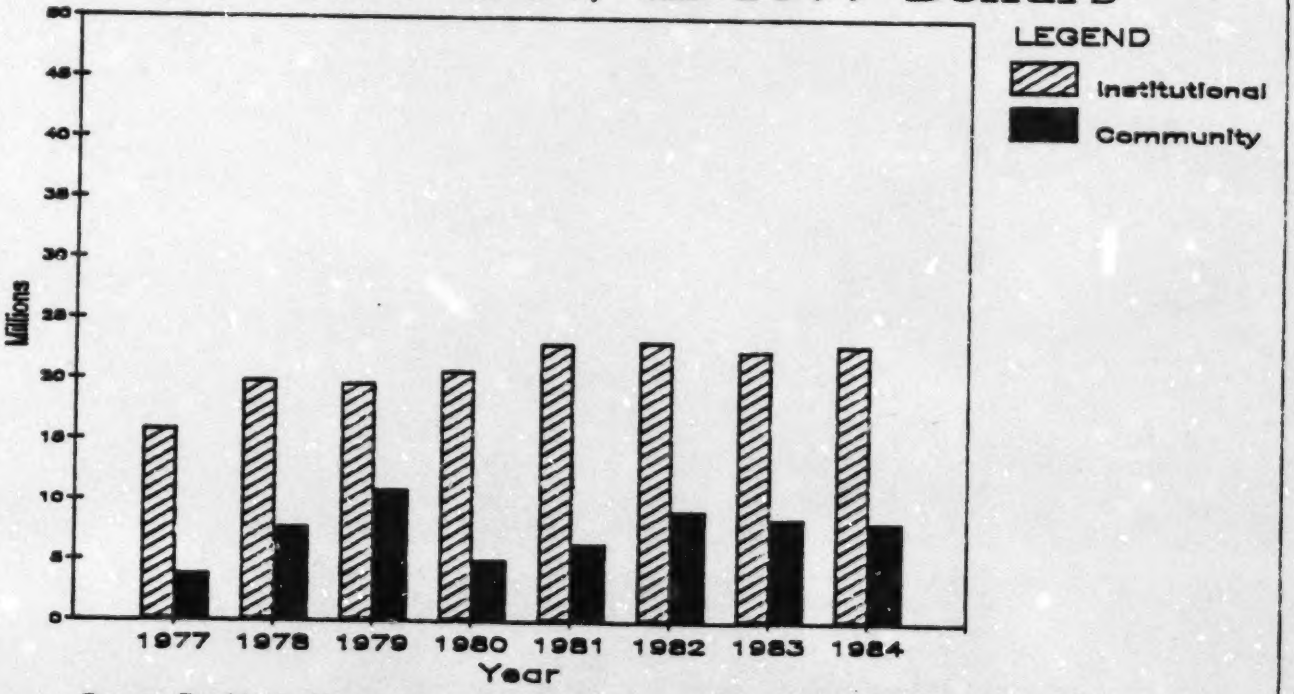


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MISSISSIPPI
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

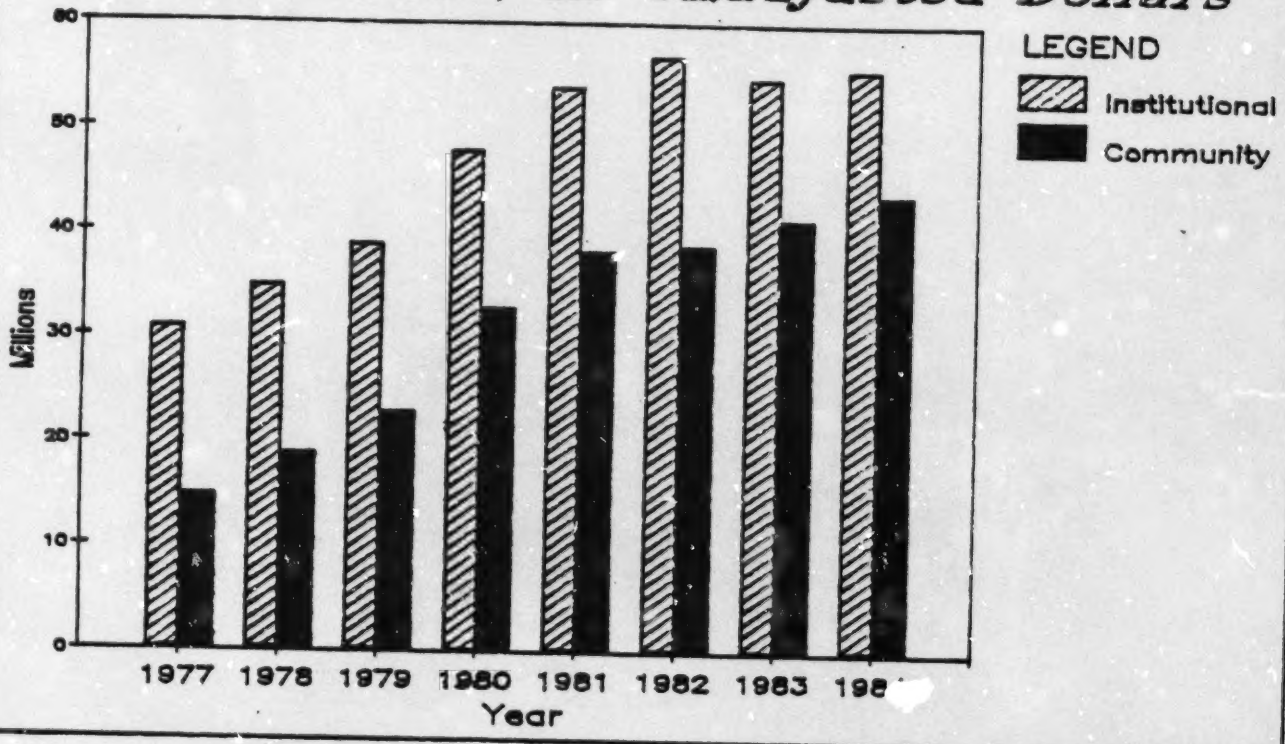


FY 1977–1984, *In 1977 Dollars*

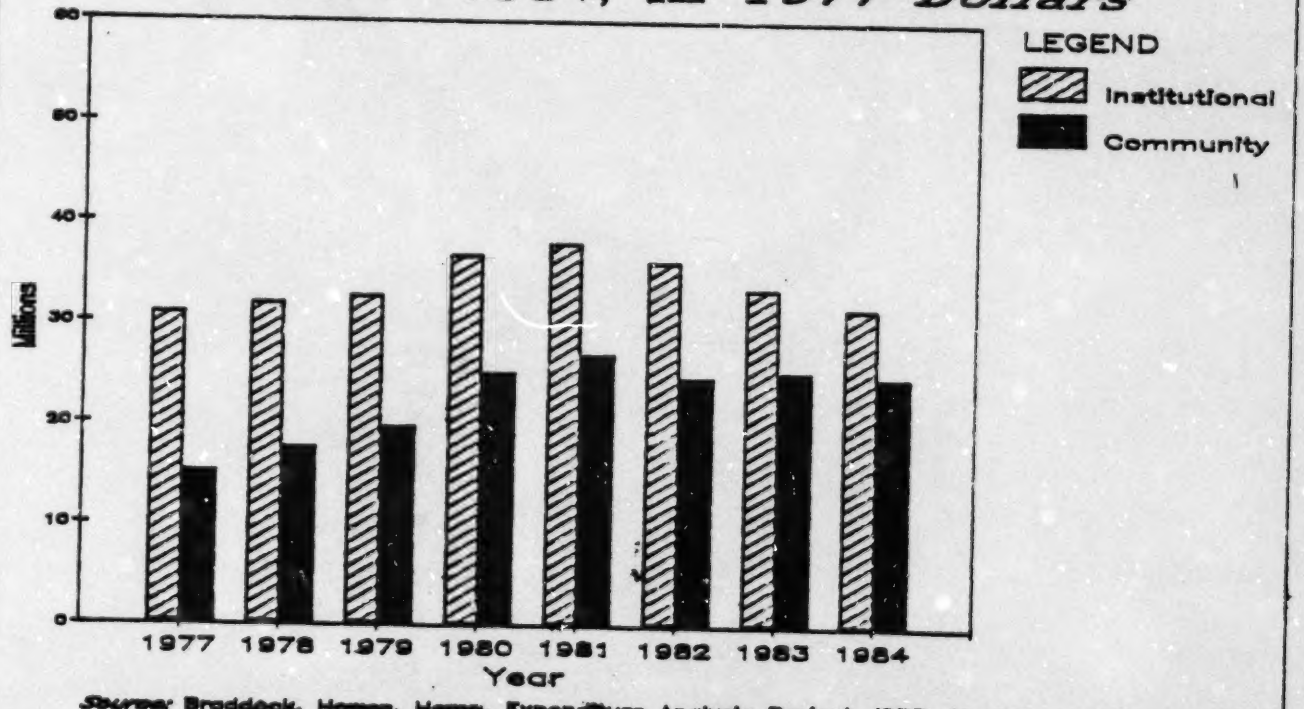


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MISSOURI
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

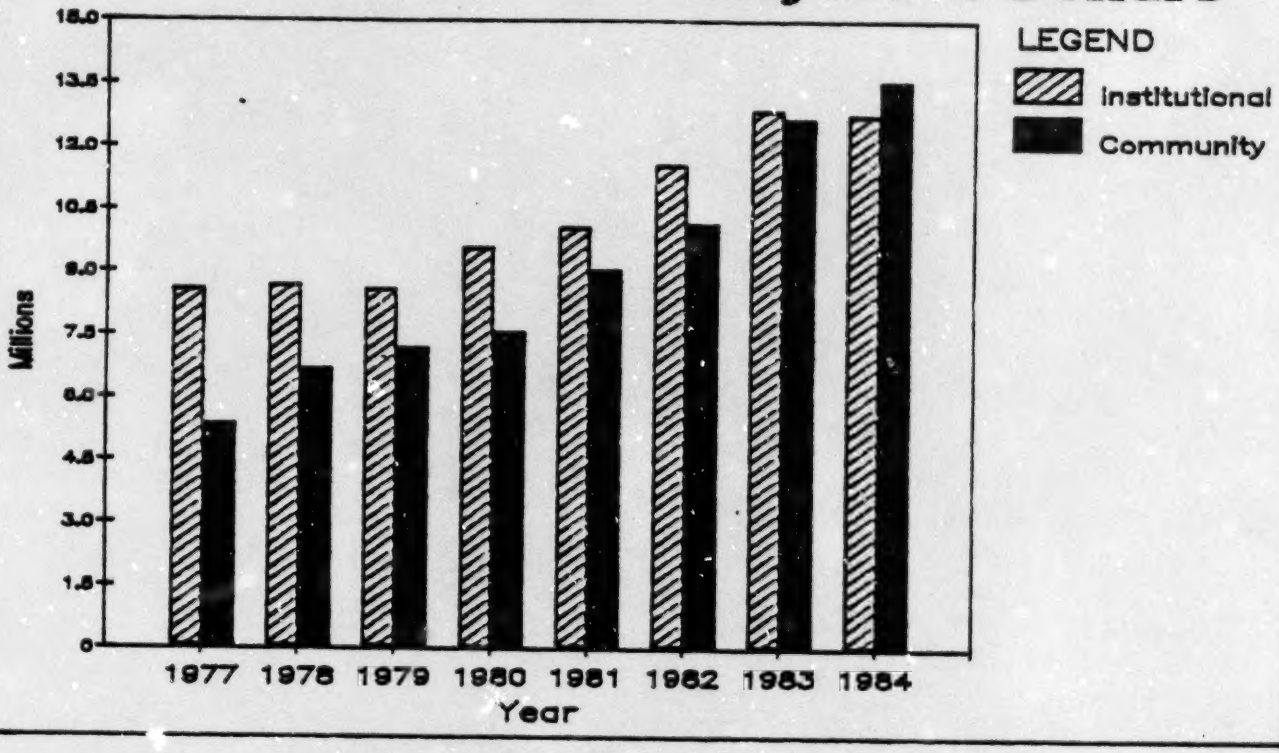


FY 1977–1984, *In 1977 Dollars*

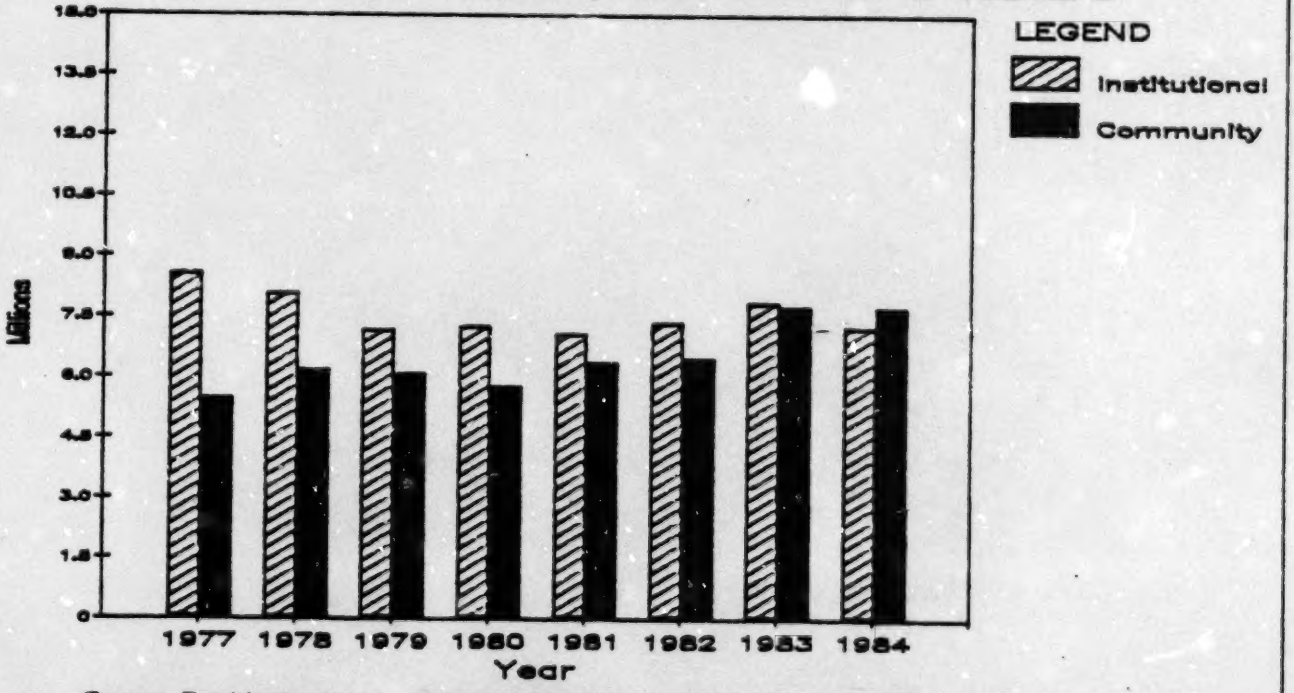


Source: Braddock, Howse, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

MONTANA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

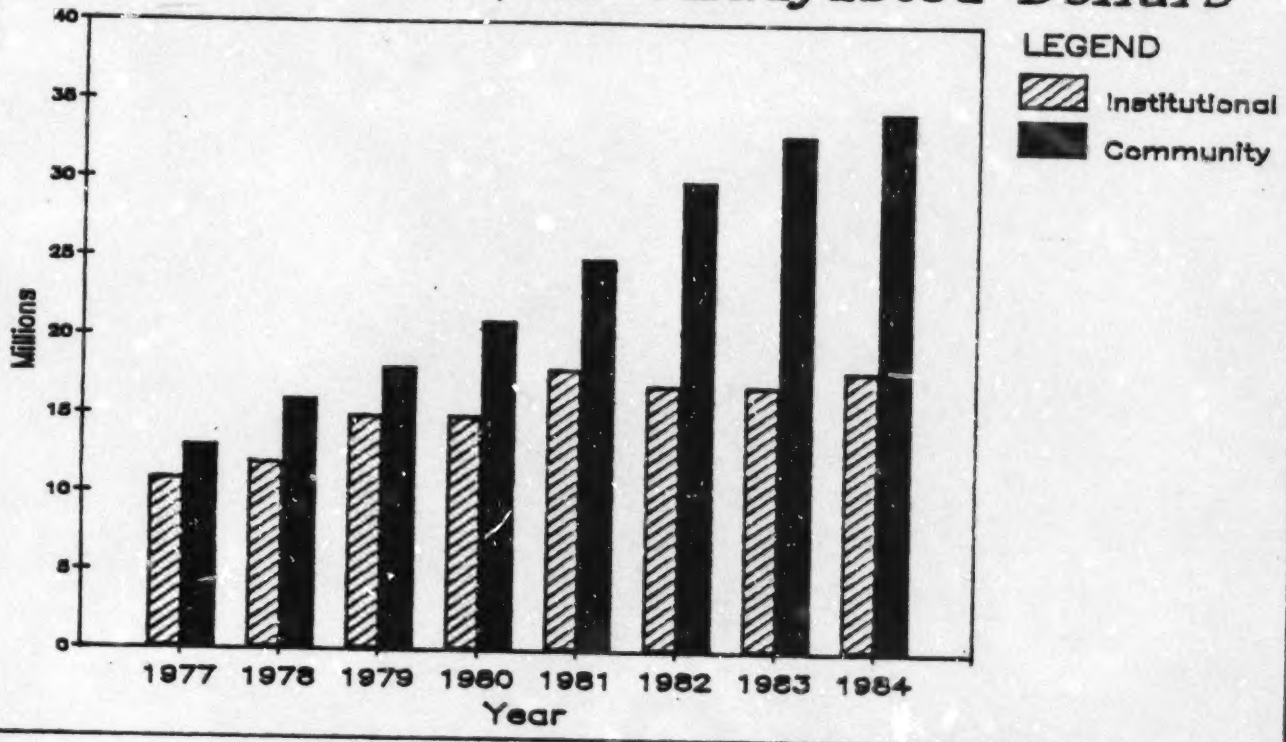


FY 1977–1984, *In 1977 Dollars*

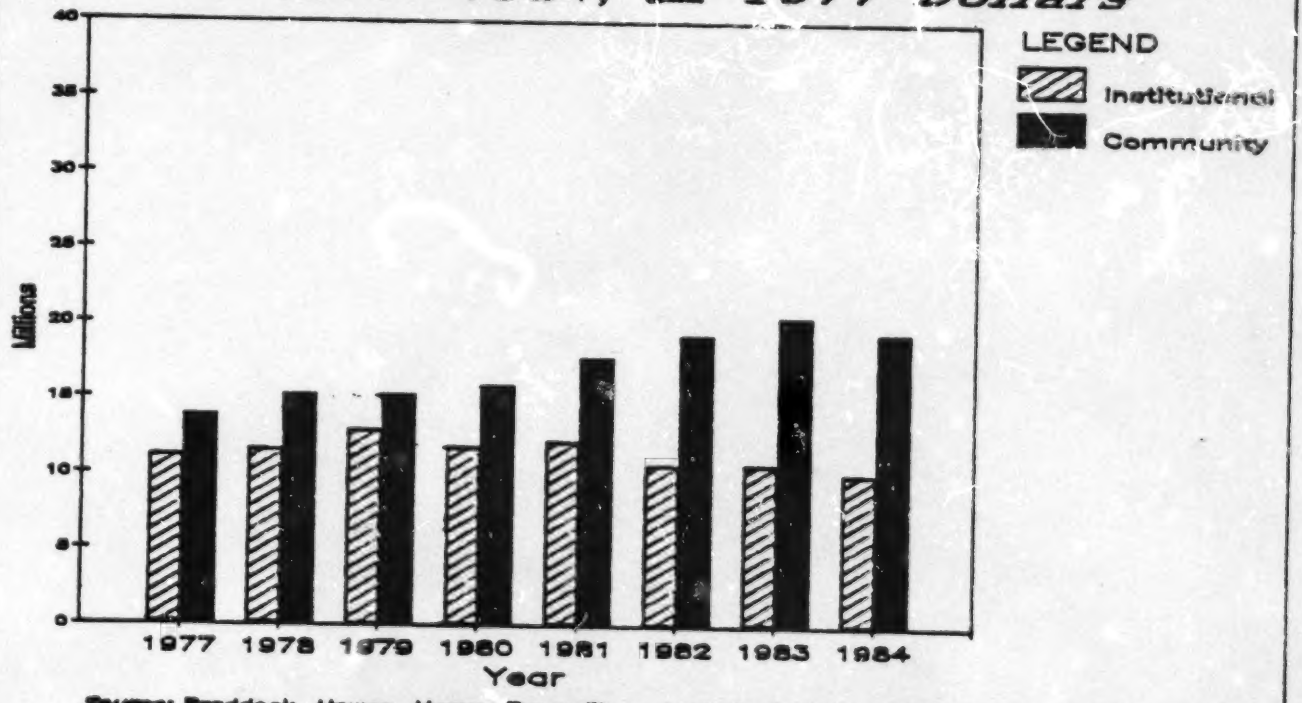


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NEBRASKA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*



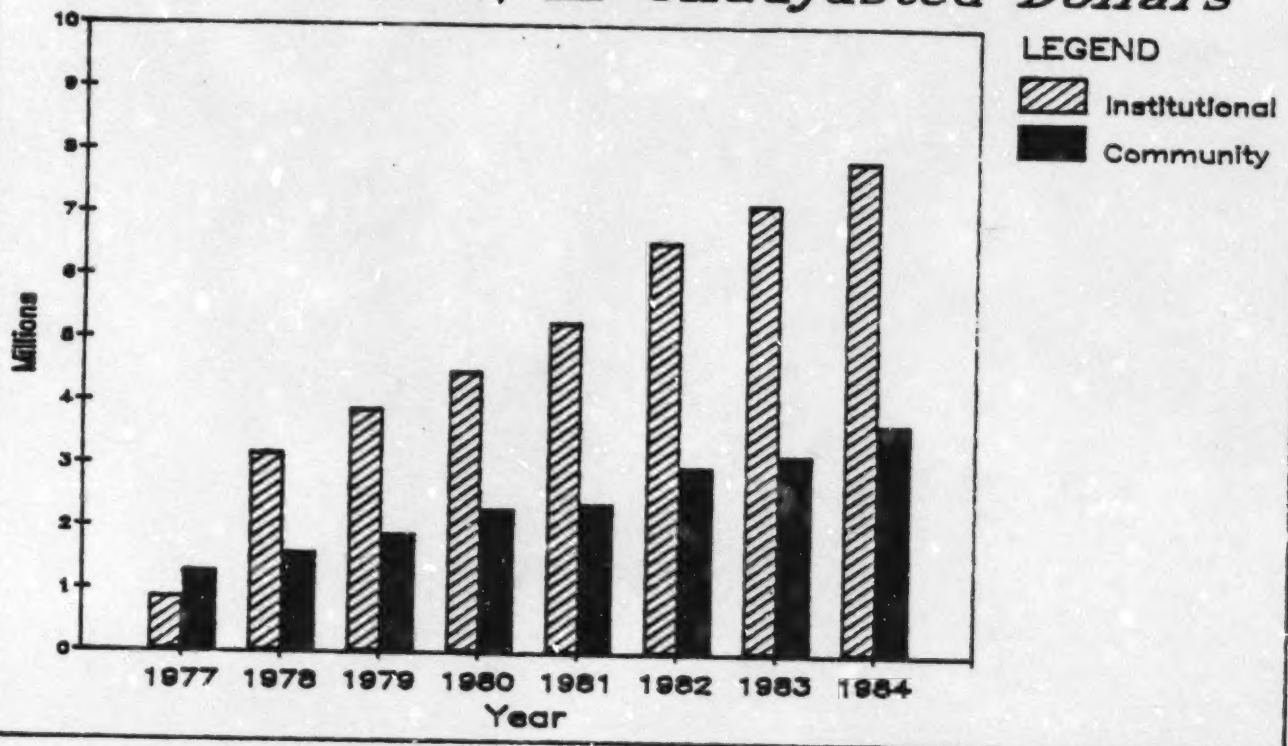
FY 1977–1984, *In 1977 Dollars*



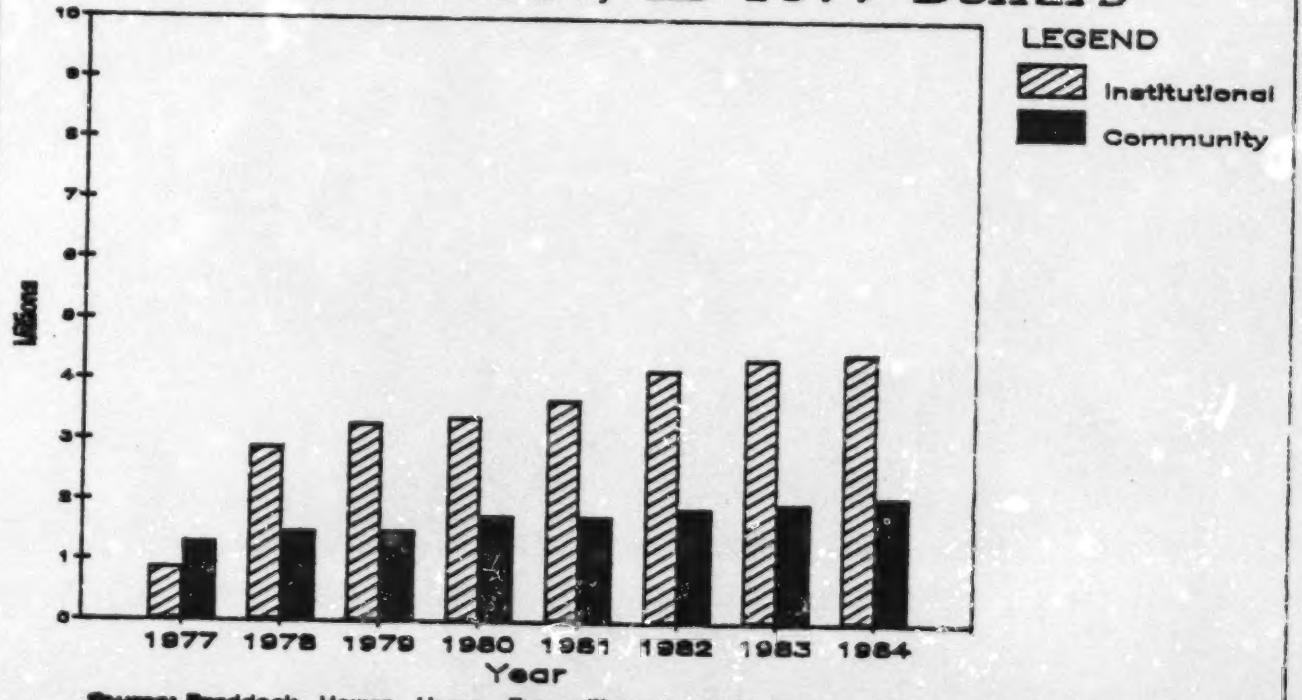
Source: Braddock, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NEVADA

Comparative Annual MR/DD Expenditures for Institutional & Community Services FY 1977–1984, *In Unadjusted Dollars*

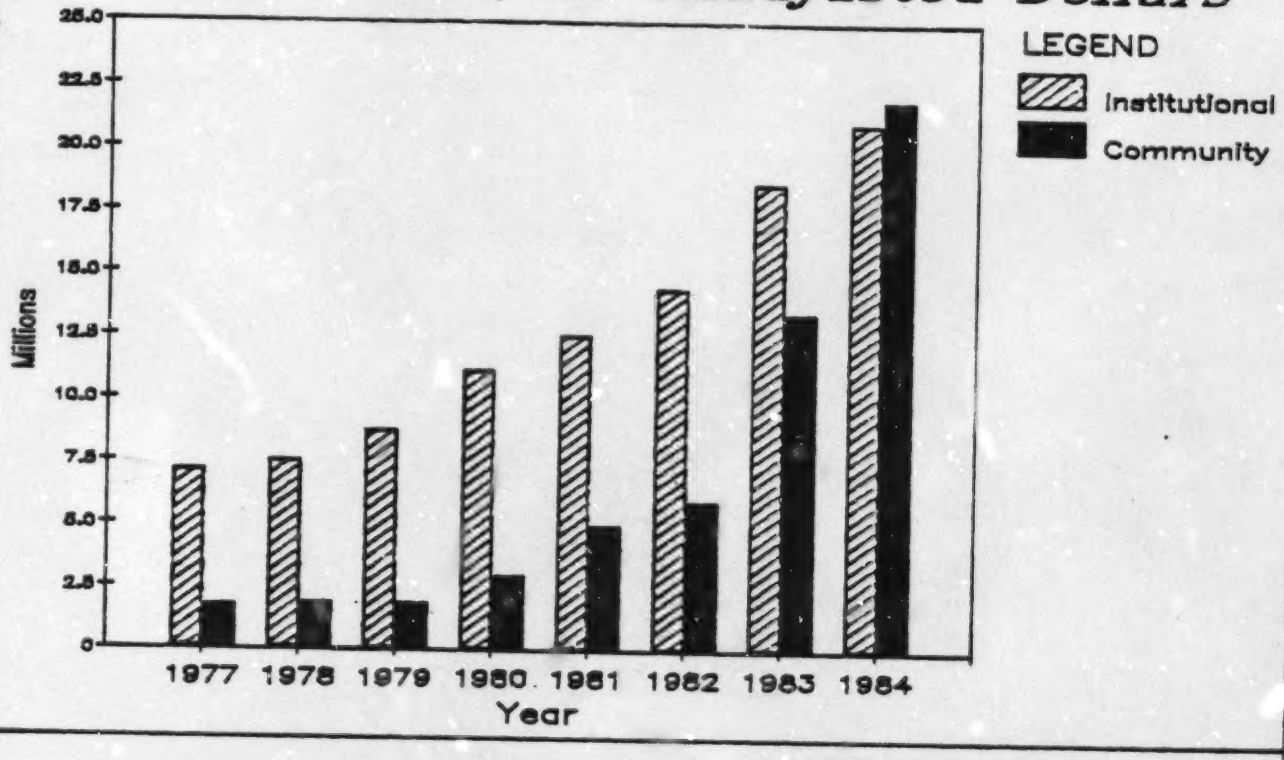


FY 1977–1984, *In 1977 Dollars*

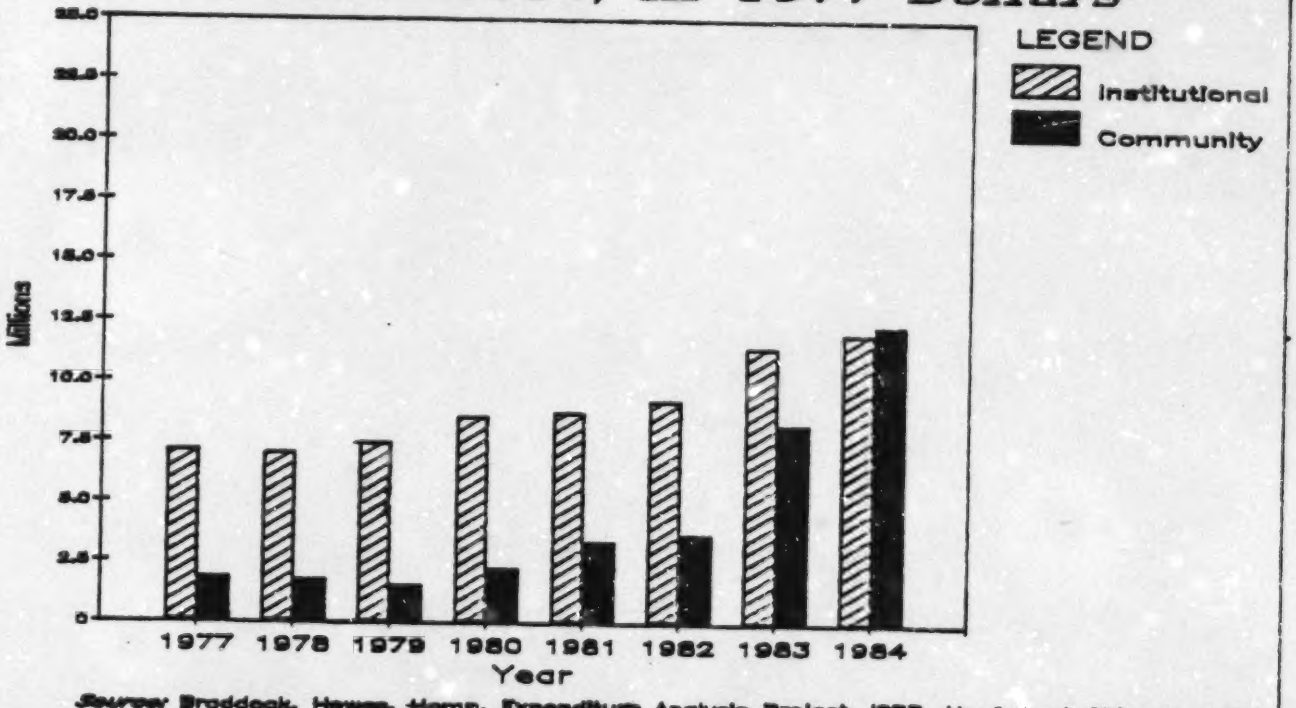


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NEW HAMPSHIRE
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

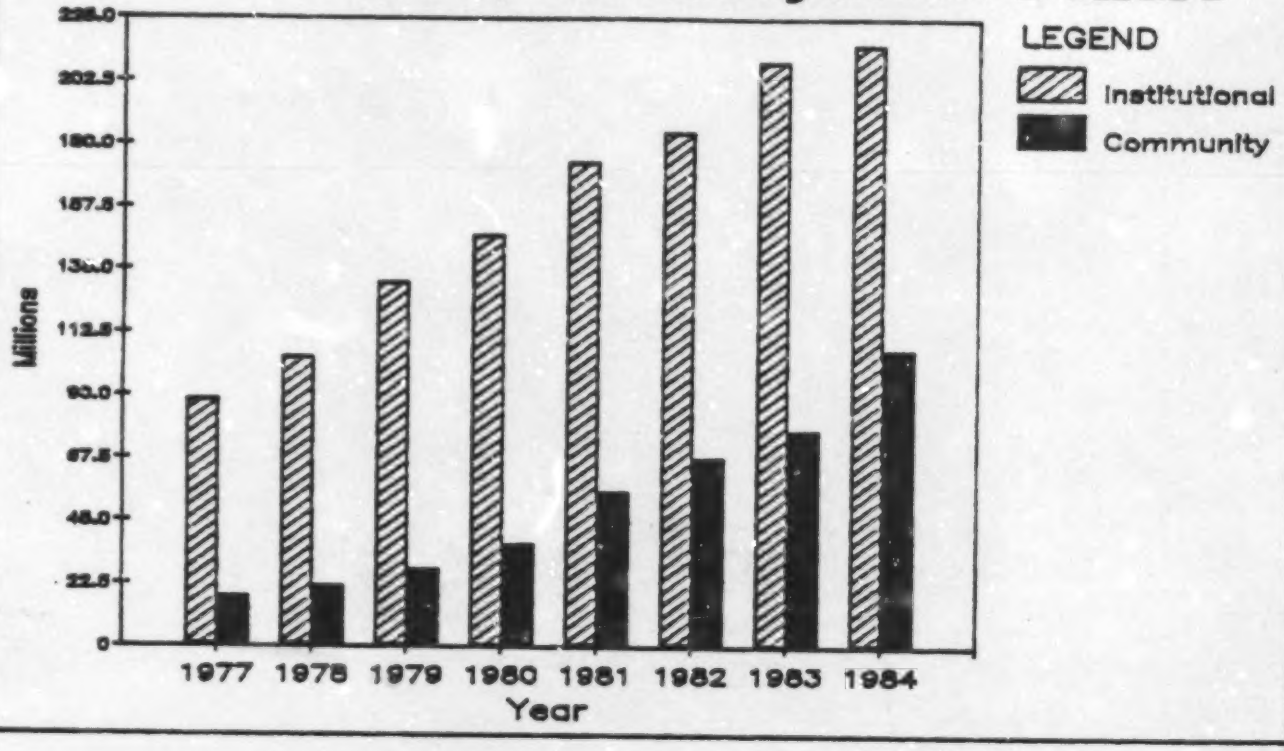


FY 1977–1984, *In 1977 Dollars*

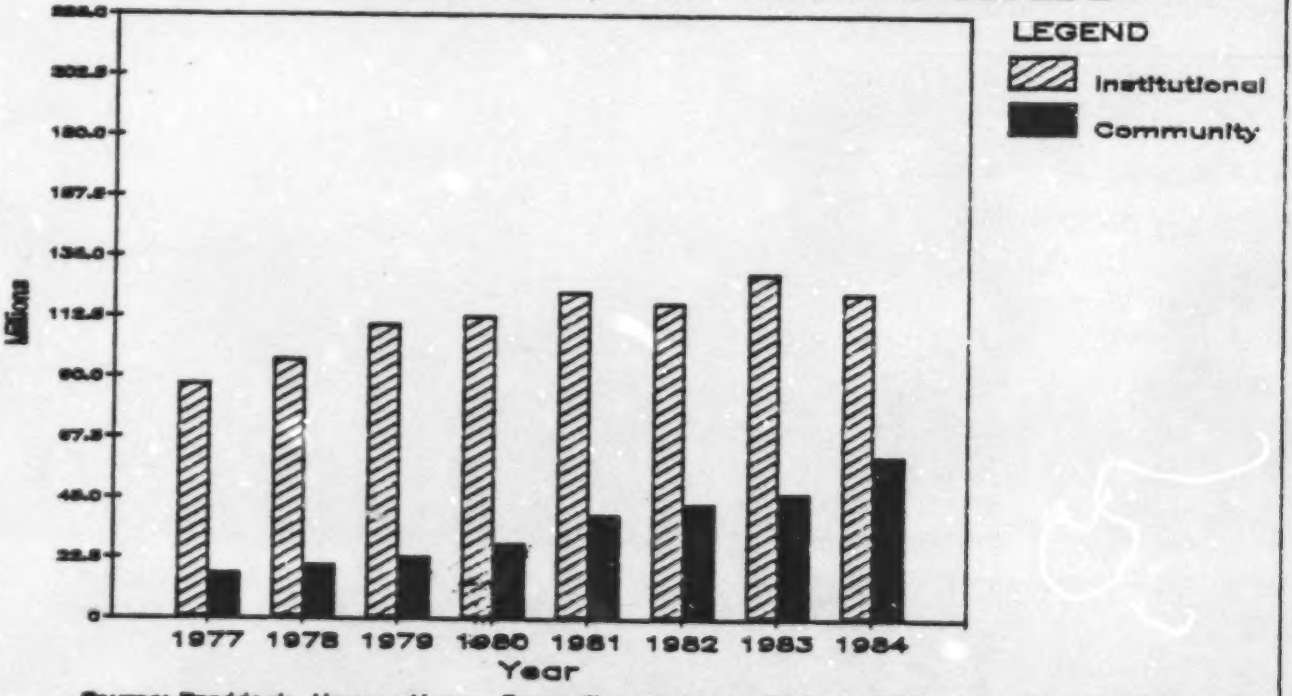


Source: Braddock, Hawes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NEW JERSEY
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

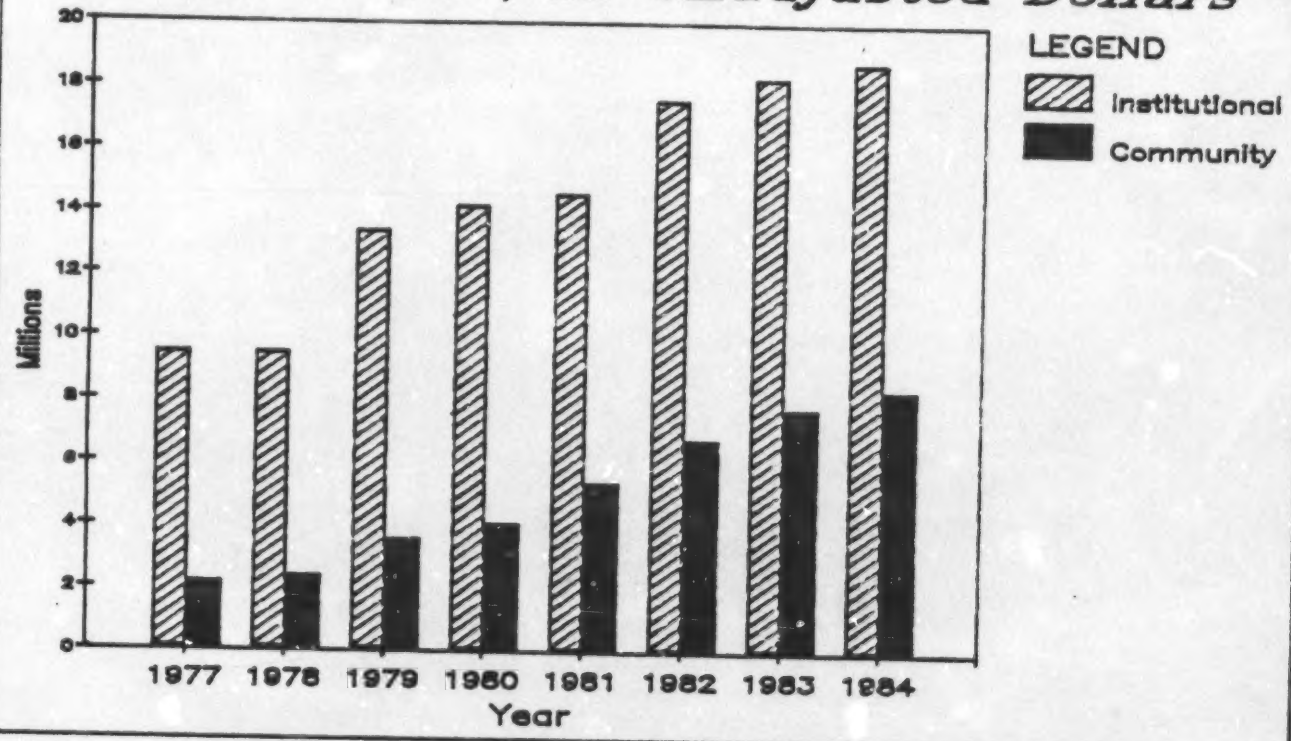


FY 1977–1984, *In 1977 Dollars*

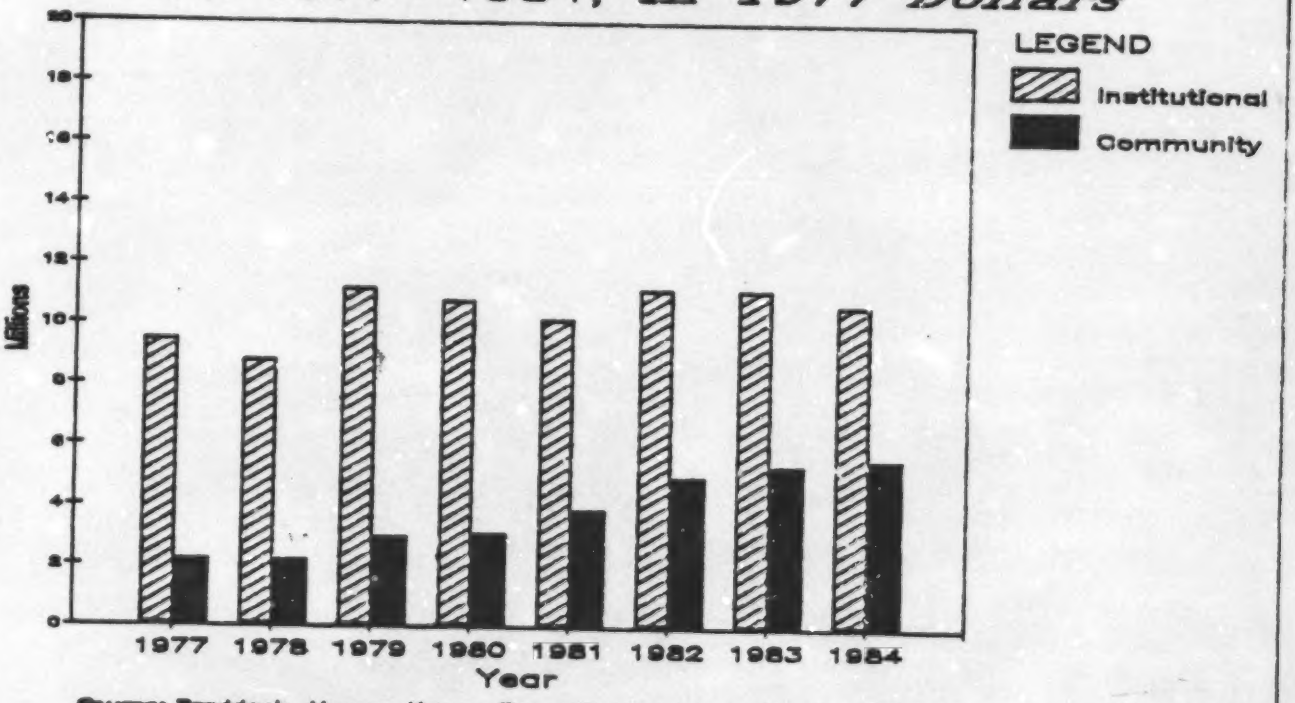


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NEW MEXICO
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

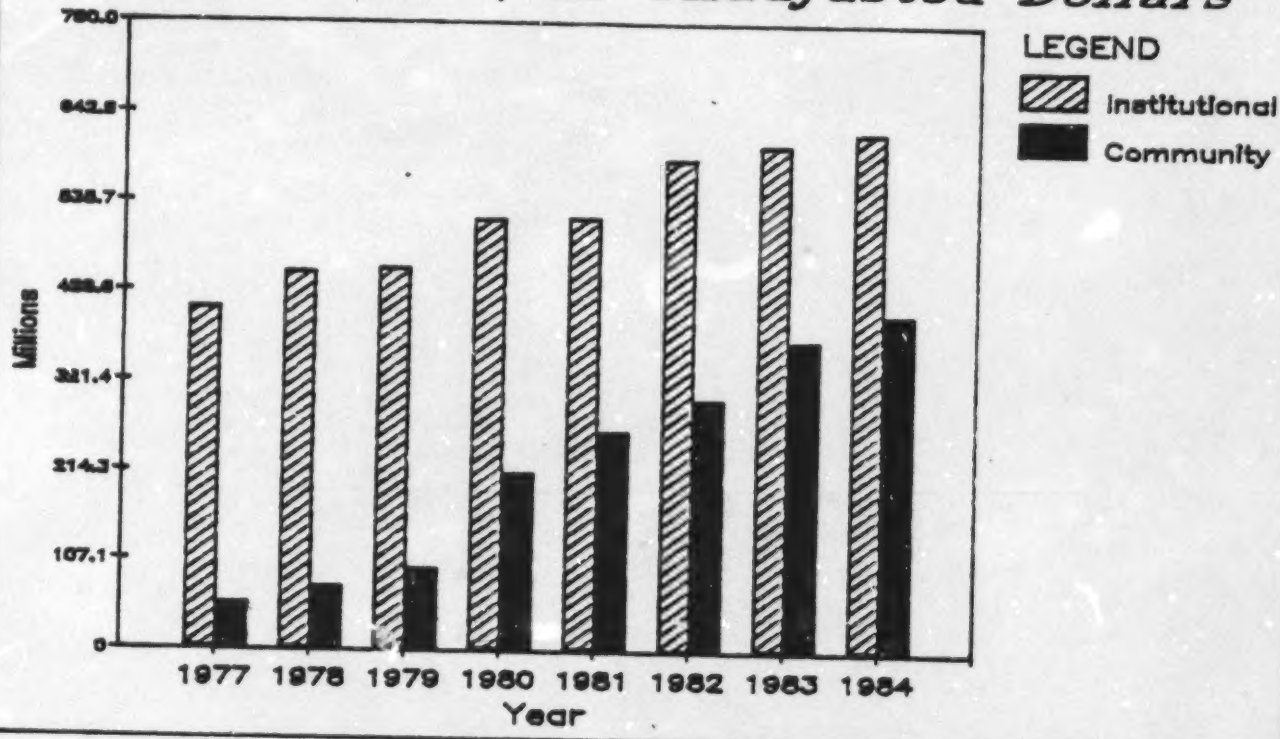


FY 1977–1984, *In 1977 Dollars*

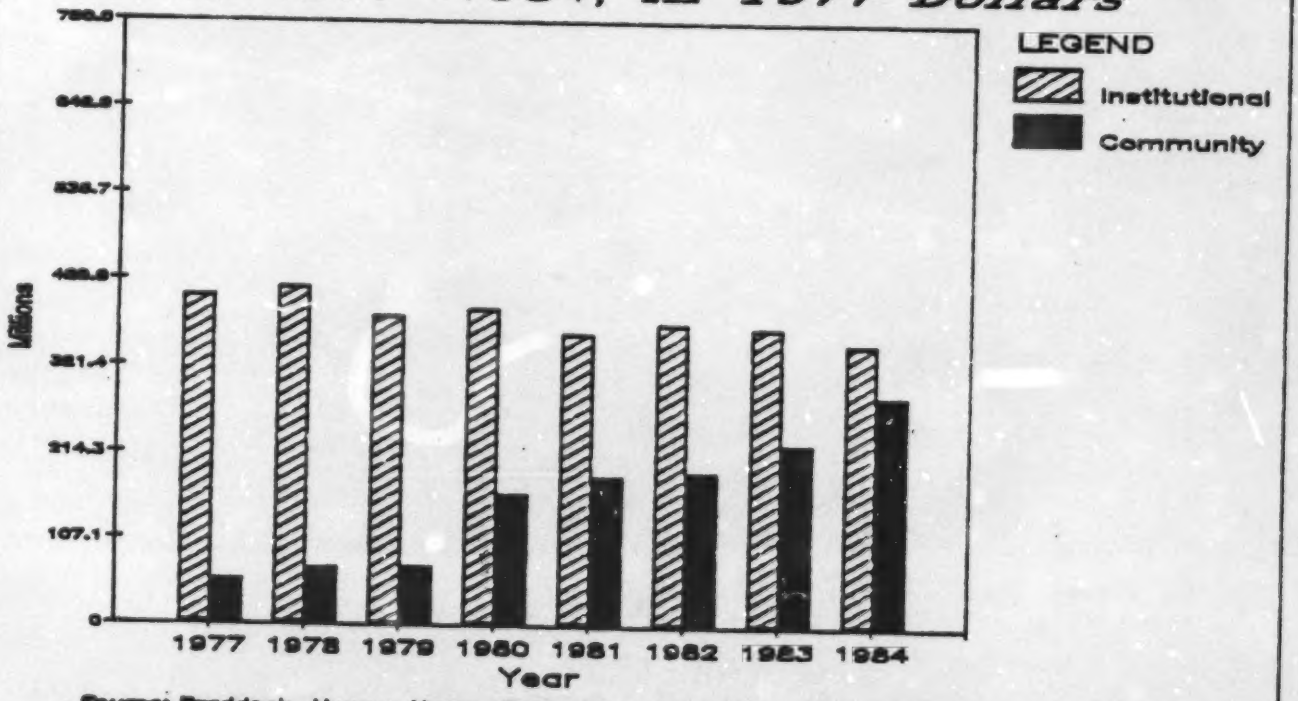


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NEW YORK
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

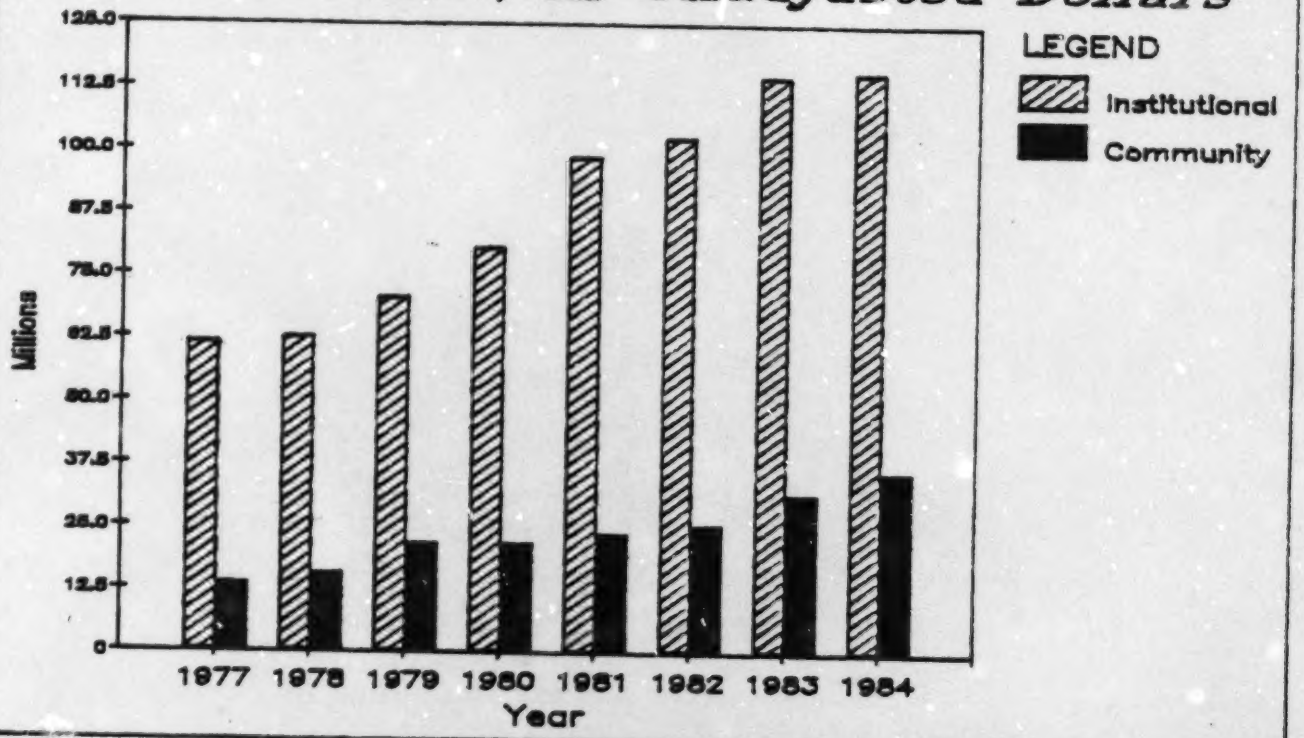


FY 1977–1984, *In 1977 Dollars*

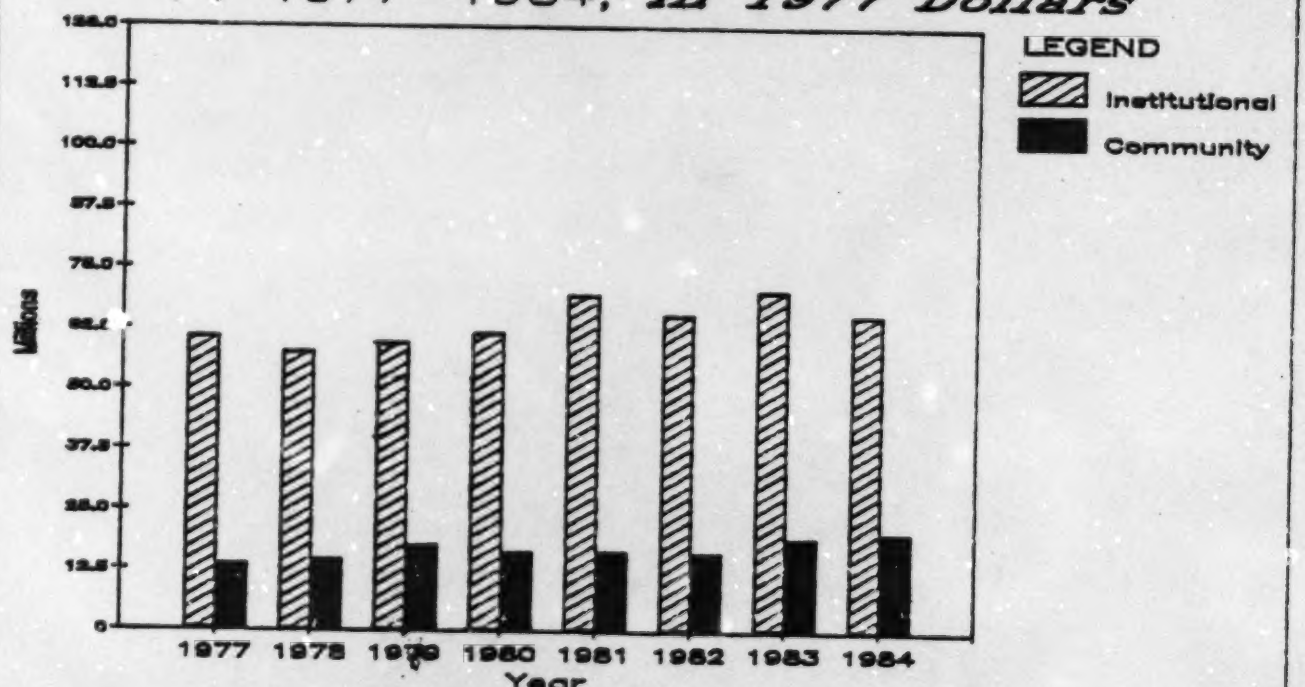


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NORTH CAROLINA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

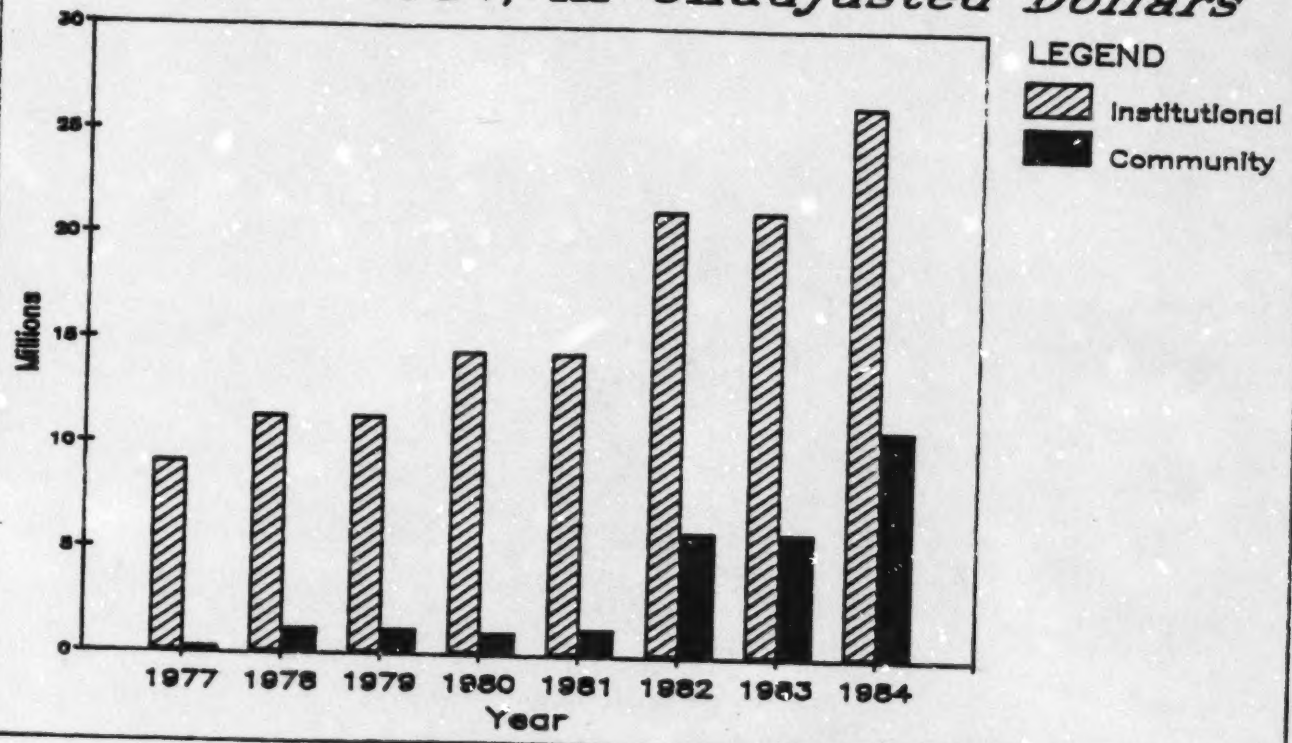


FY 1977–1984, *In 1977 Dollars*

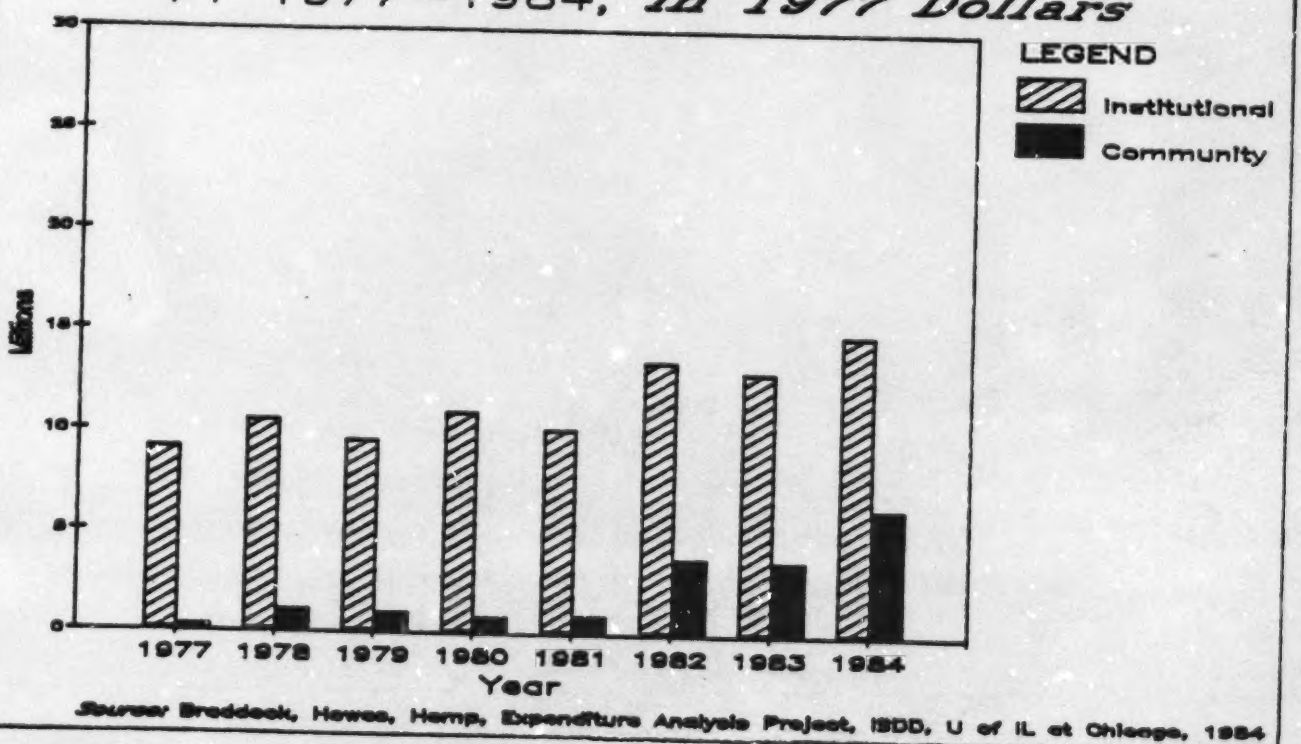


Source: Braddock, Howell, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

NORTH DAKOTA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

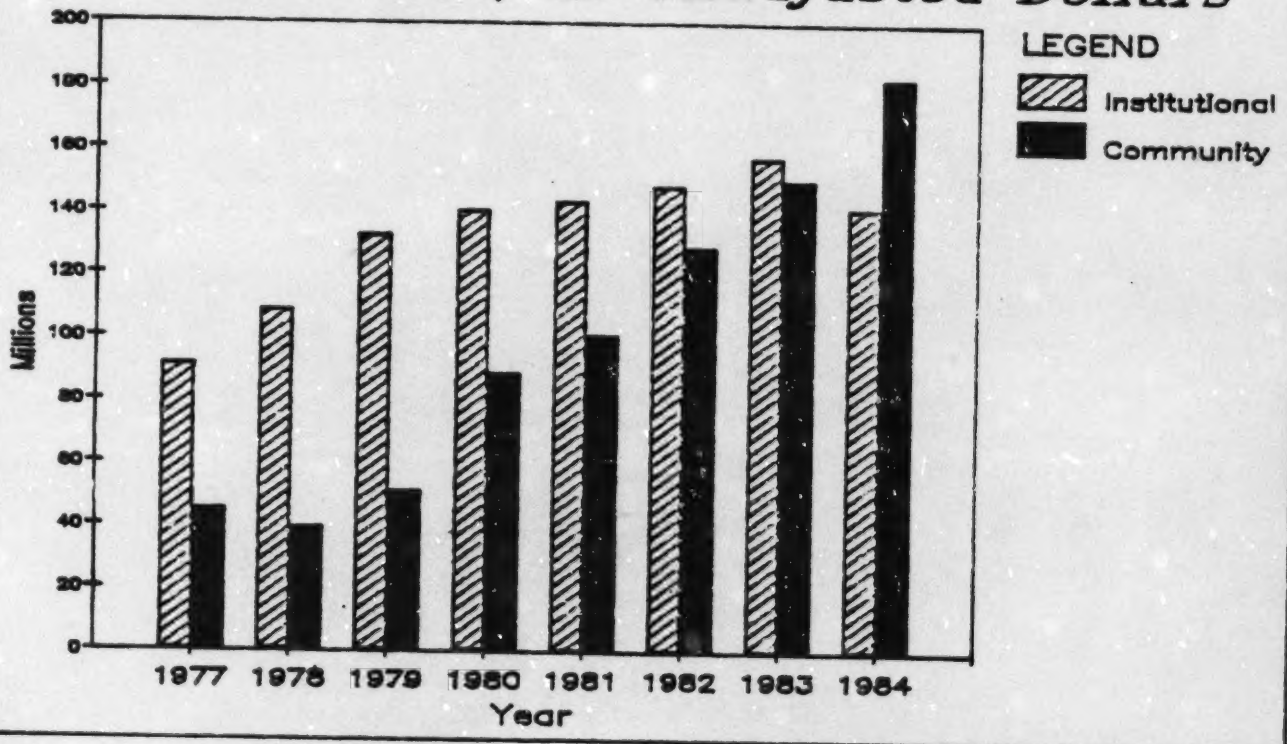


FY 1977–1984, *In 1977 Dollars*

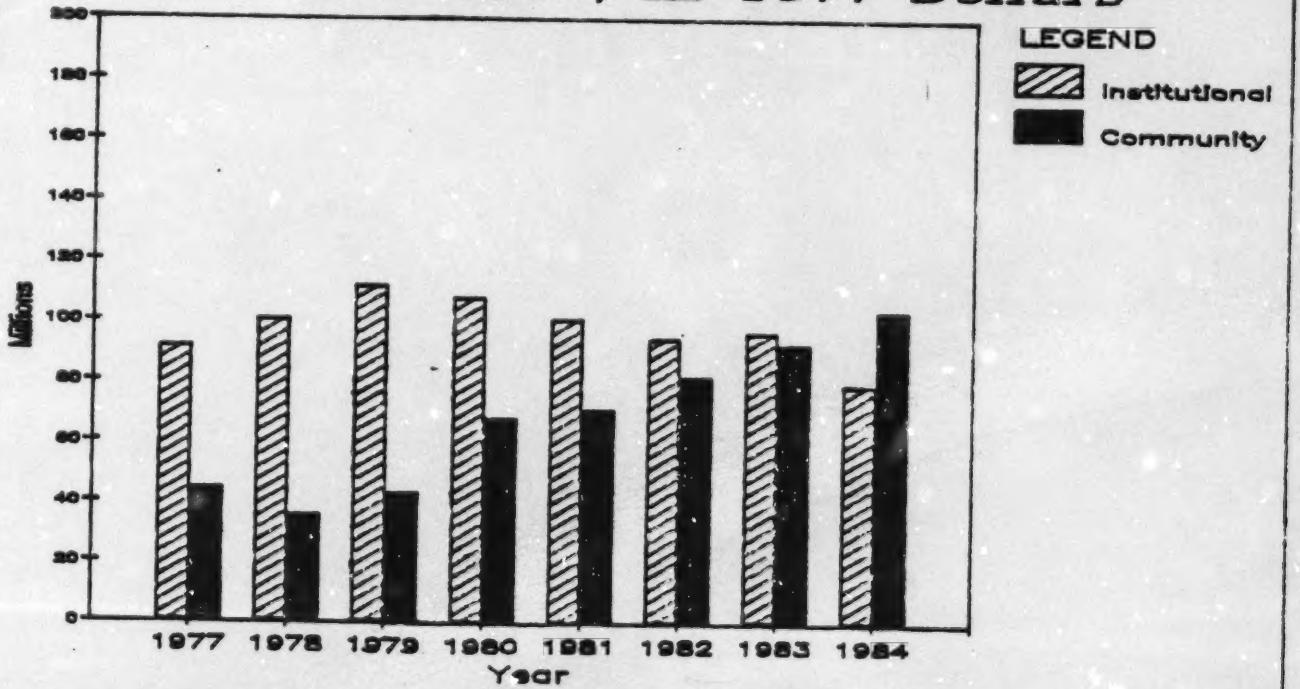


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

OHIO
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

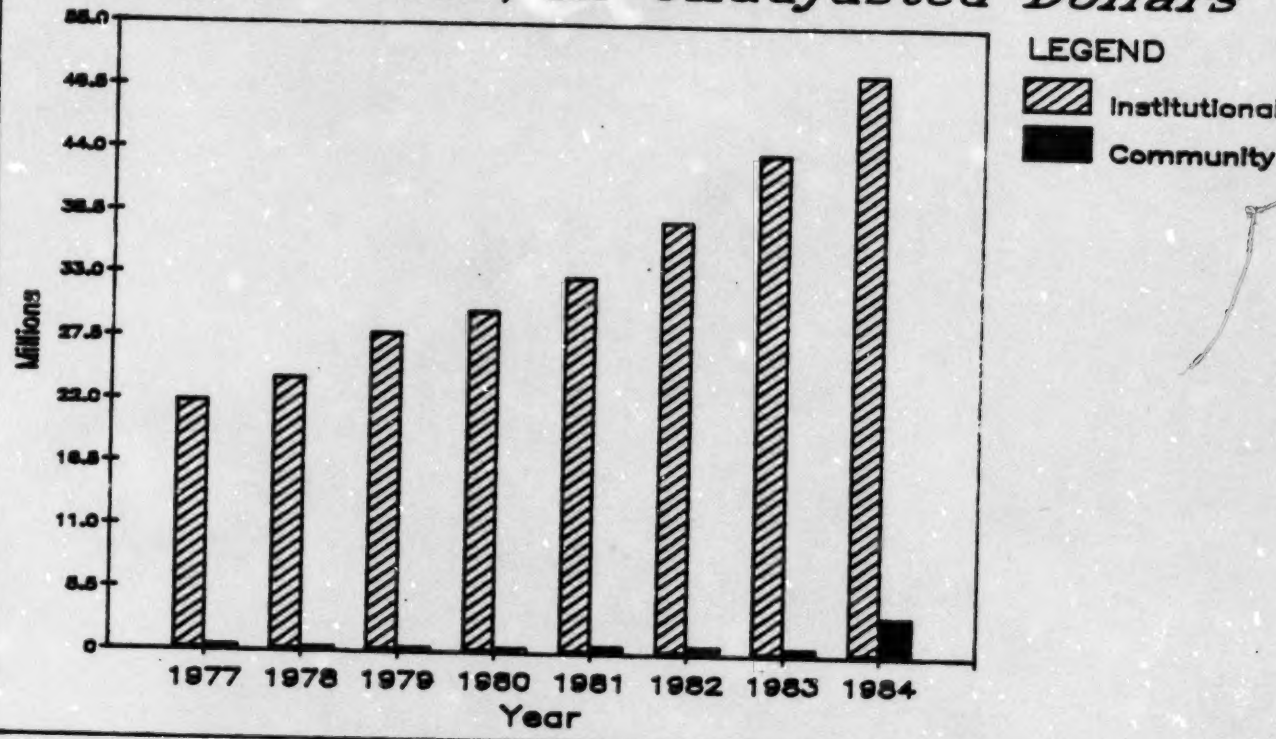


FY 1977–1984, *In 1977 Dollars*

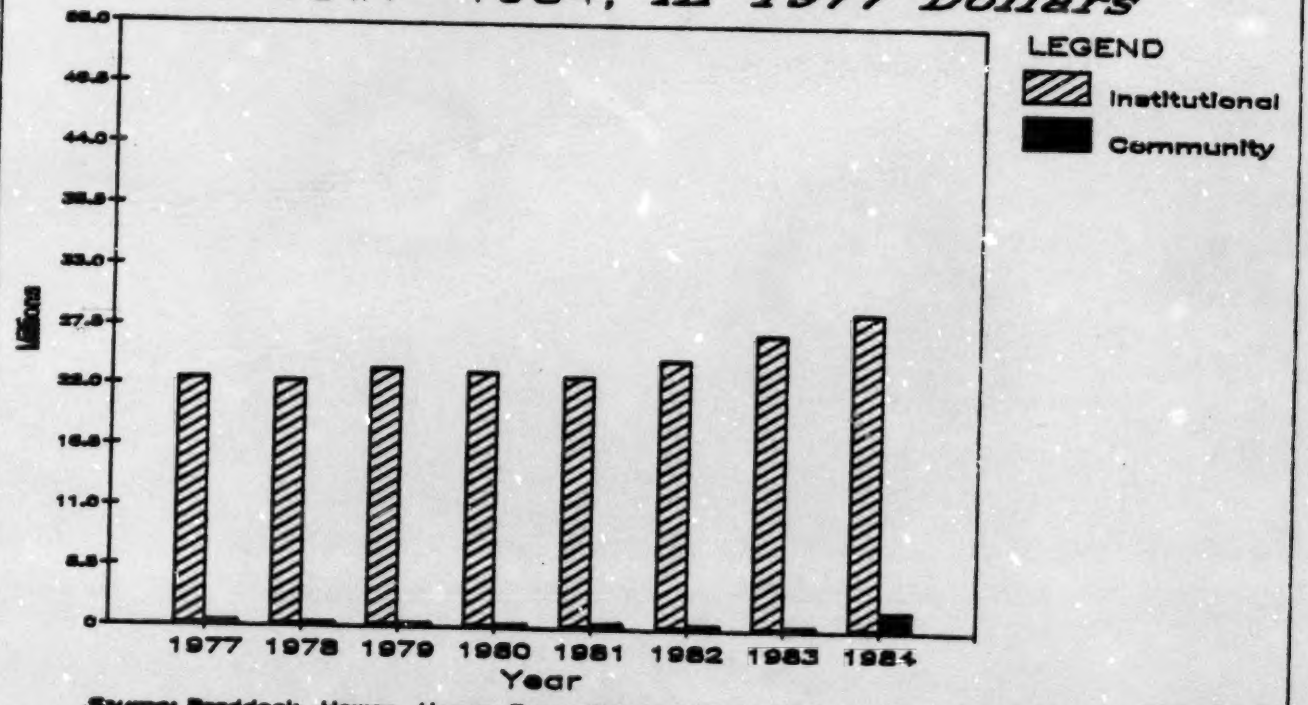


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

OKLAHOMA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

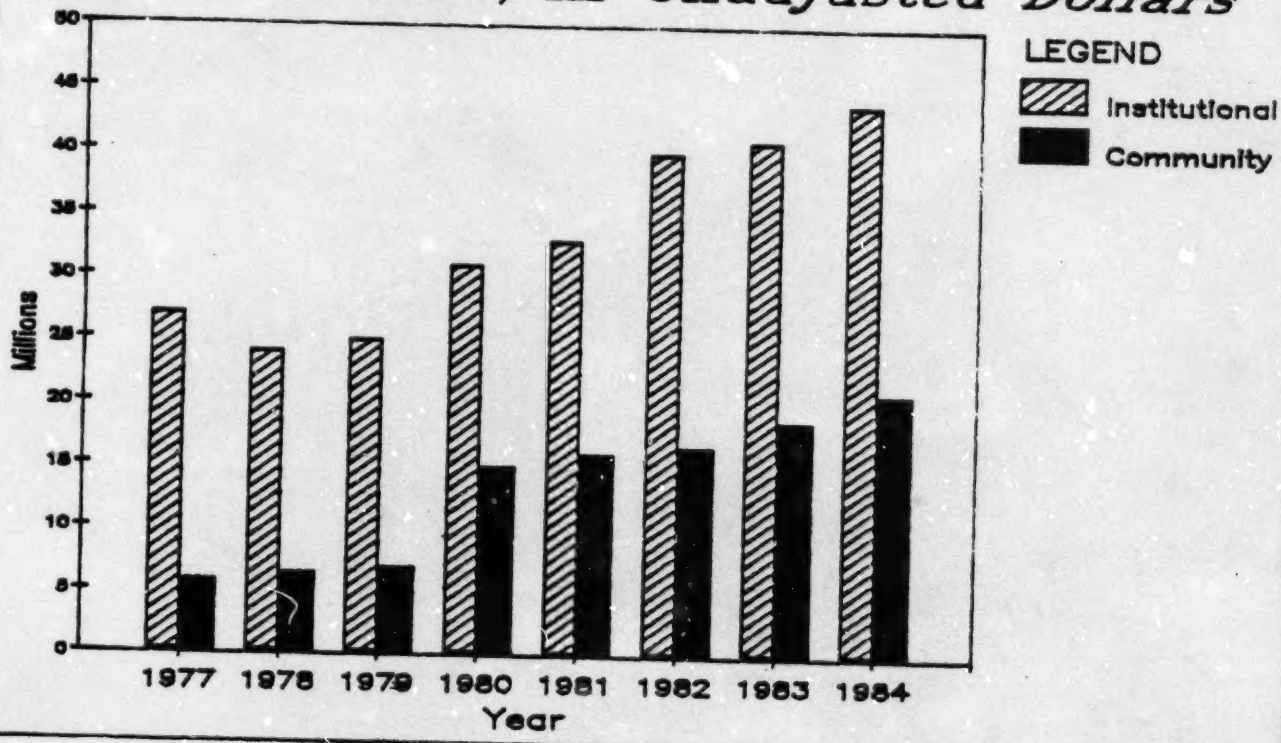


FY 1977–1984, *In 1977 Dollars*

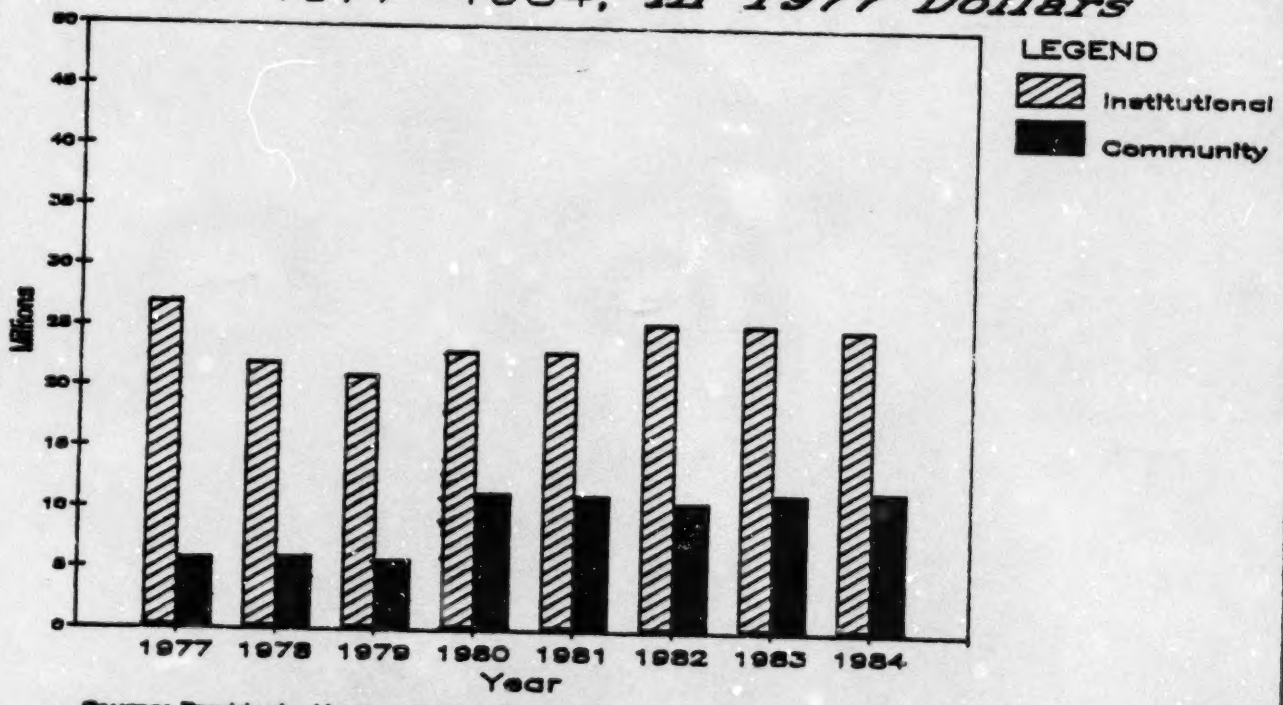


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

OREGON
Comparative Annual MR/DD Expenditures for Institutional & Community Services FY 1977–1984, *In Unadjusted Dollars*

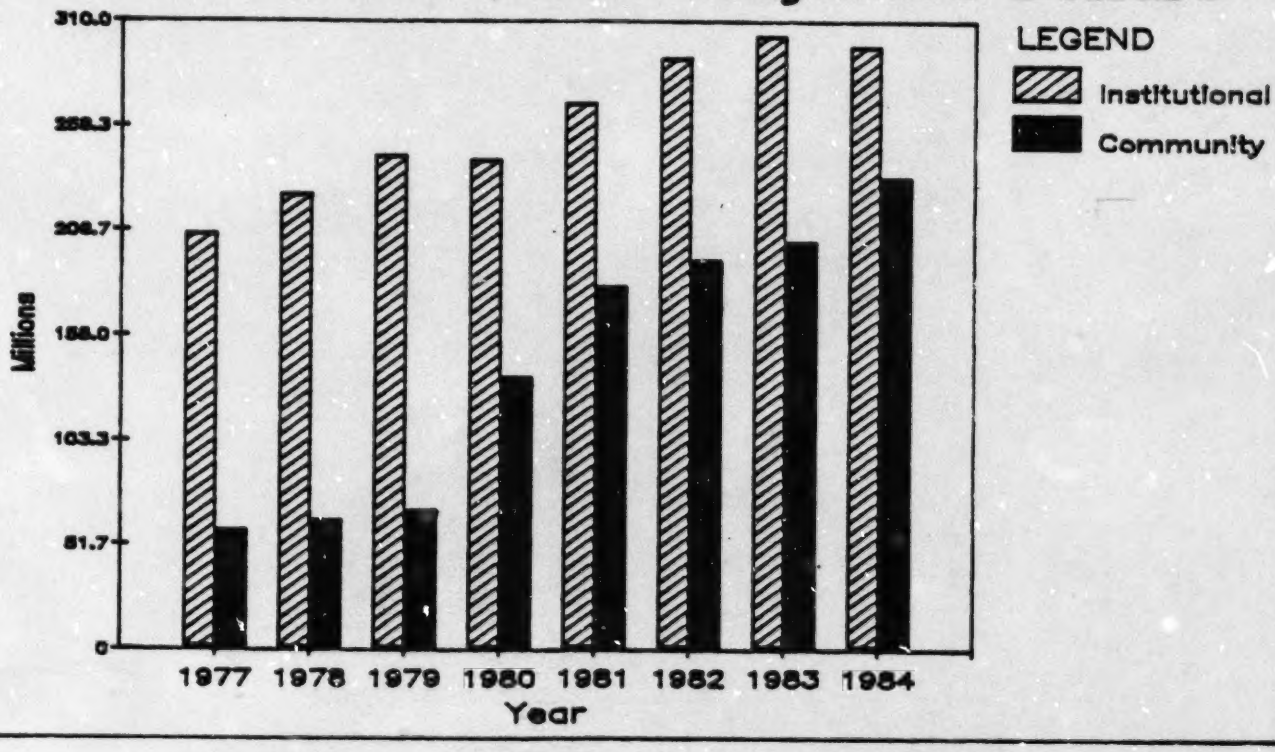


FY 1977–1984, *In 1977 Dollars*

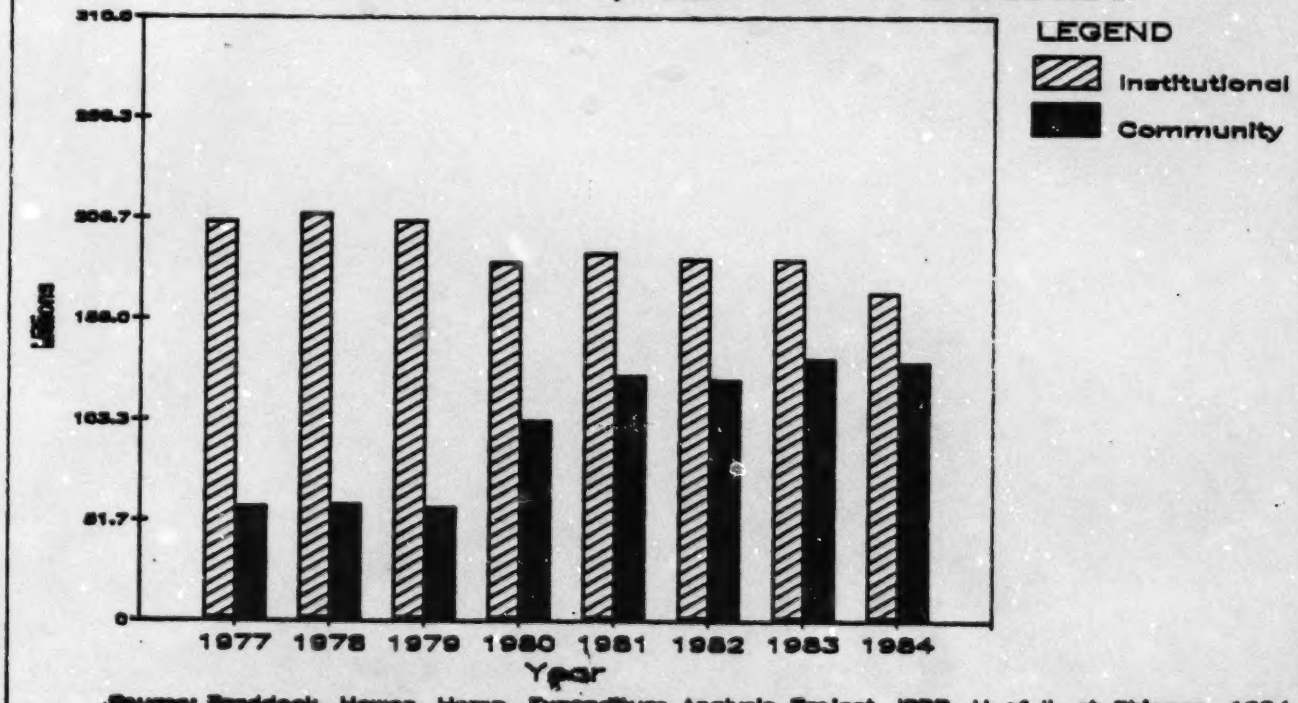


Source: Braddock, Howse, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

PENNSYLVANIA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

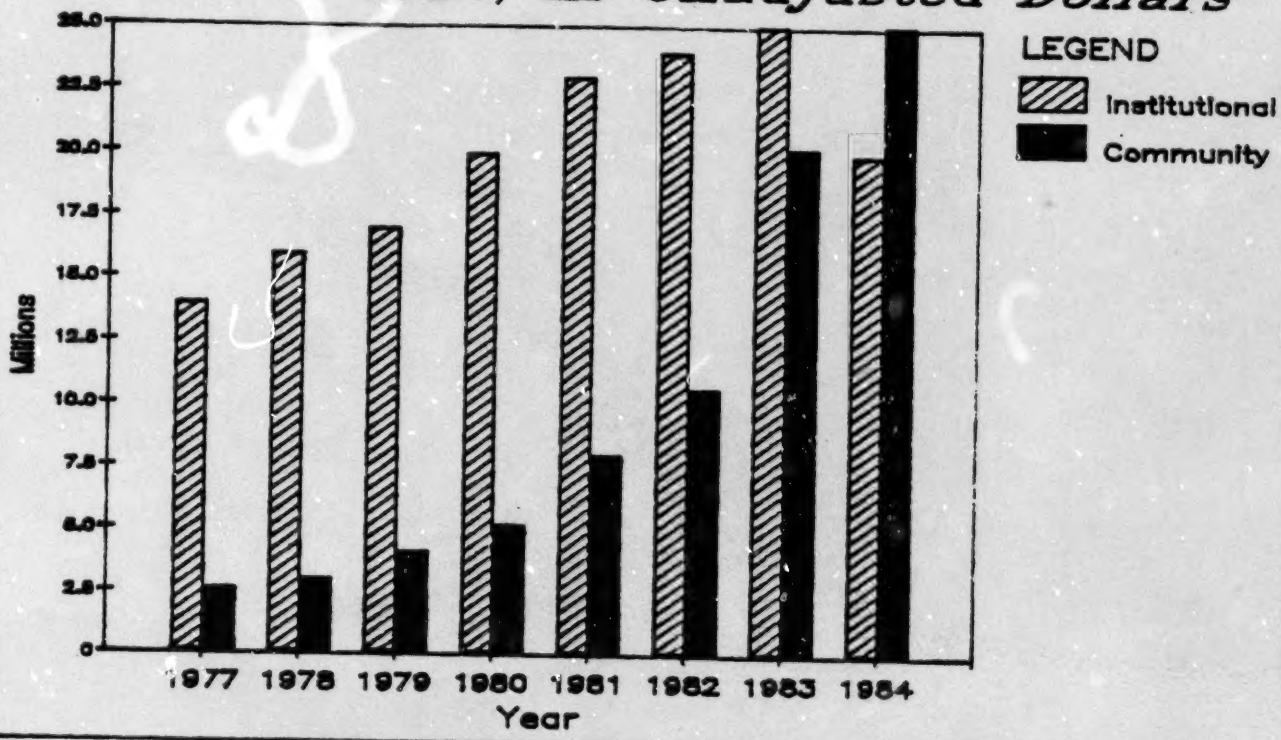


FY 1977–1984, *In 1977 Dollars*

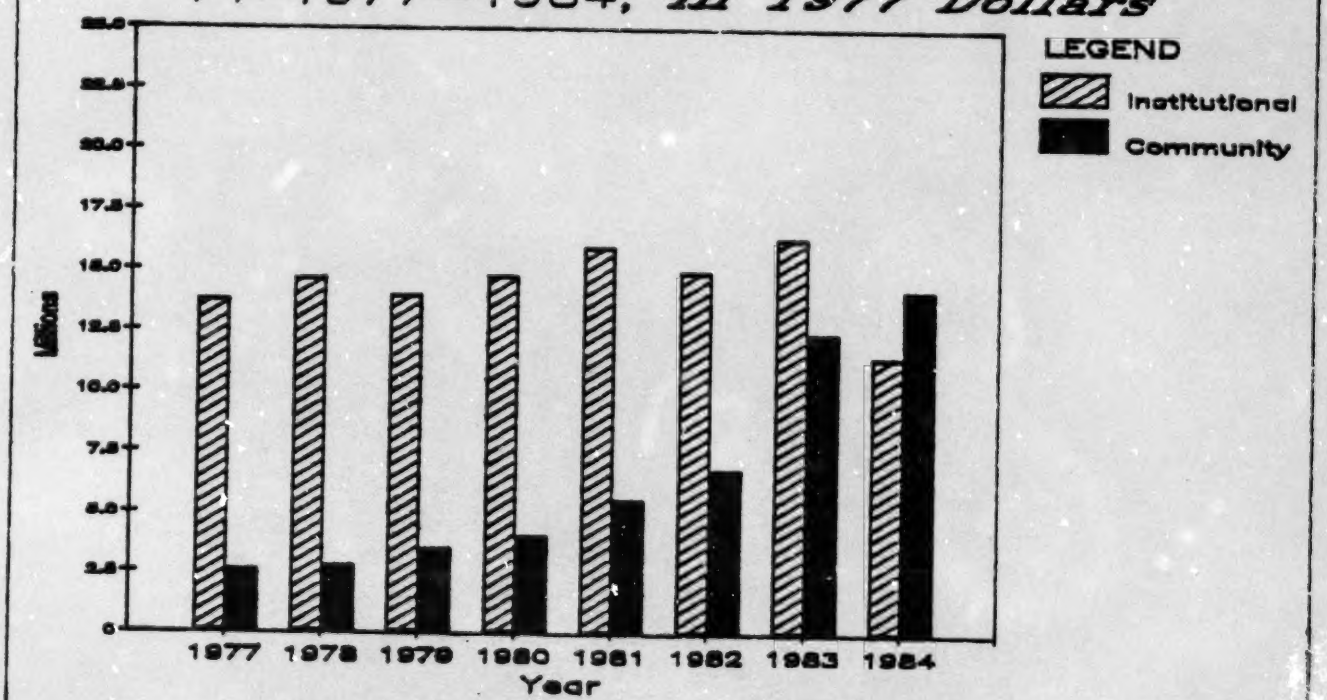


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

RHODE ISLAND
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

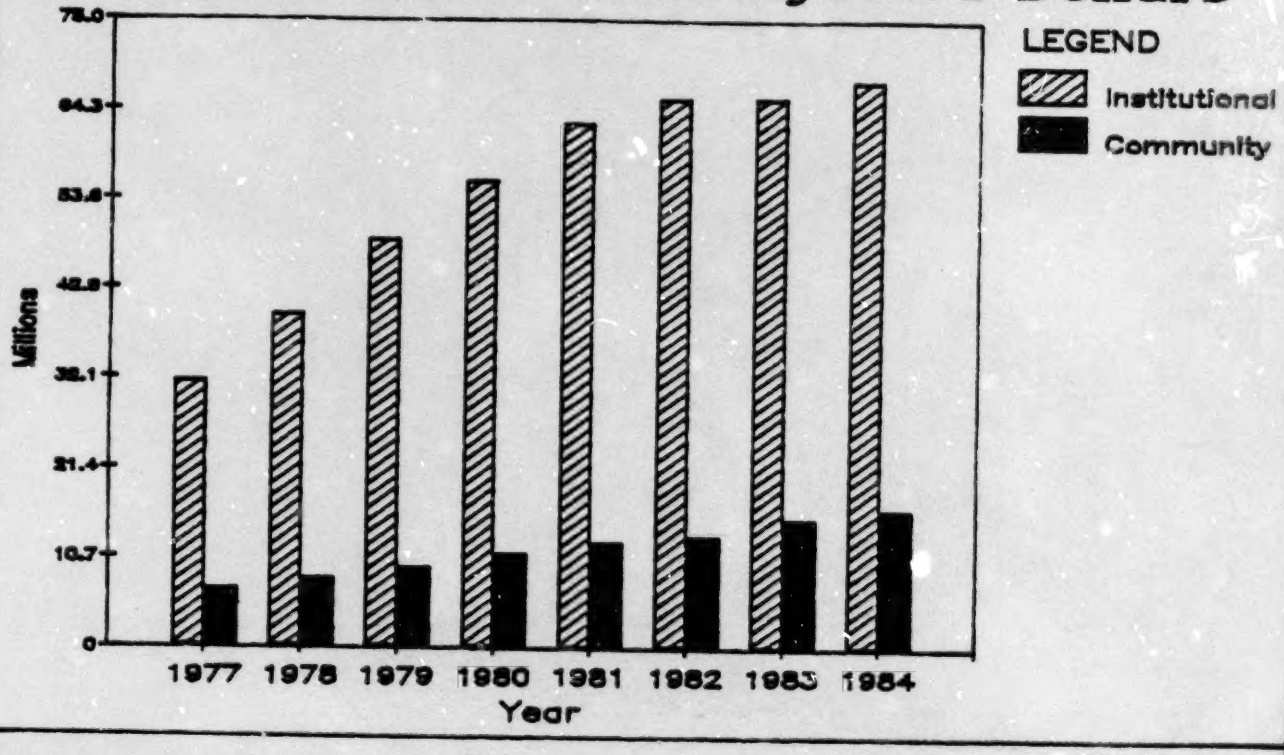


FY 1977–1984, *In 1977 Dollars*

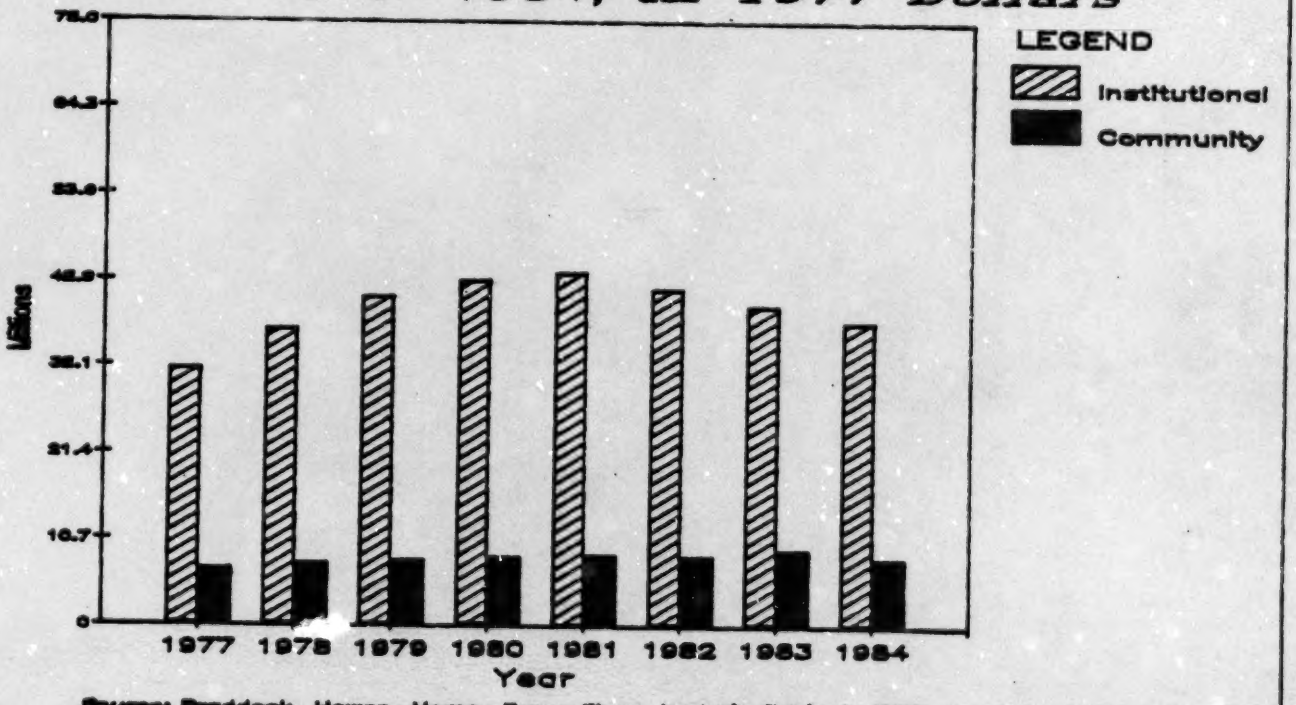


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

SOUTH CAROLINA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

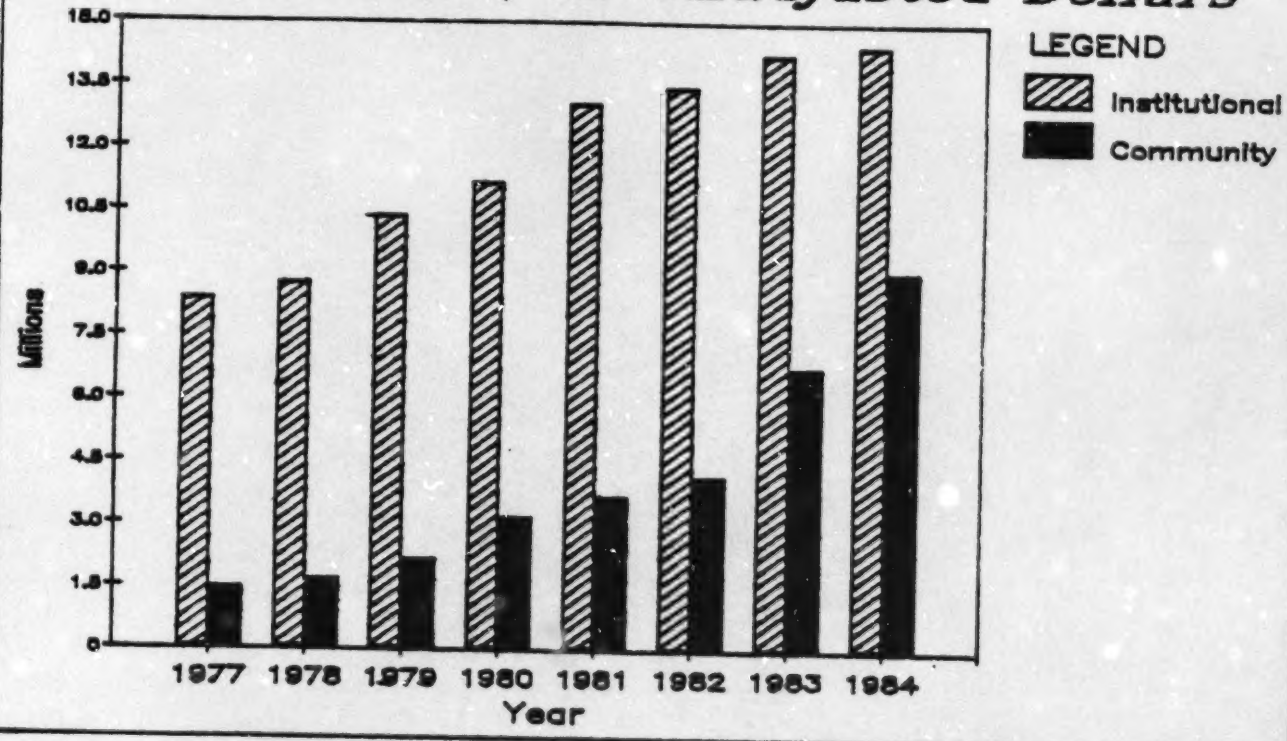


FY 1977–1984, *In 1977 Dollars*

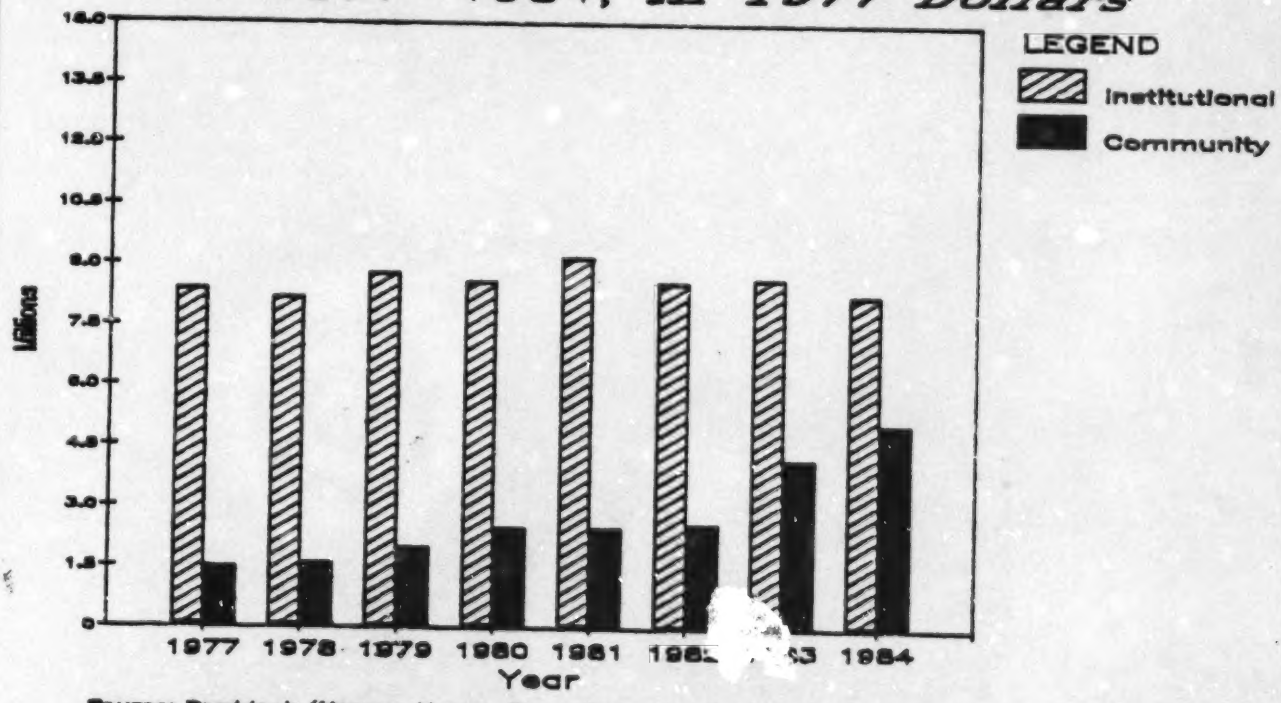


Source: Braddock, Hawes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

SOUTH DAKOTA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

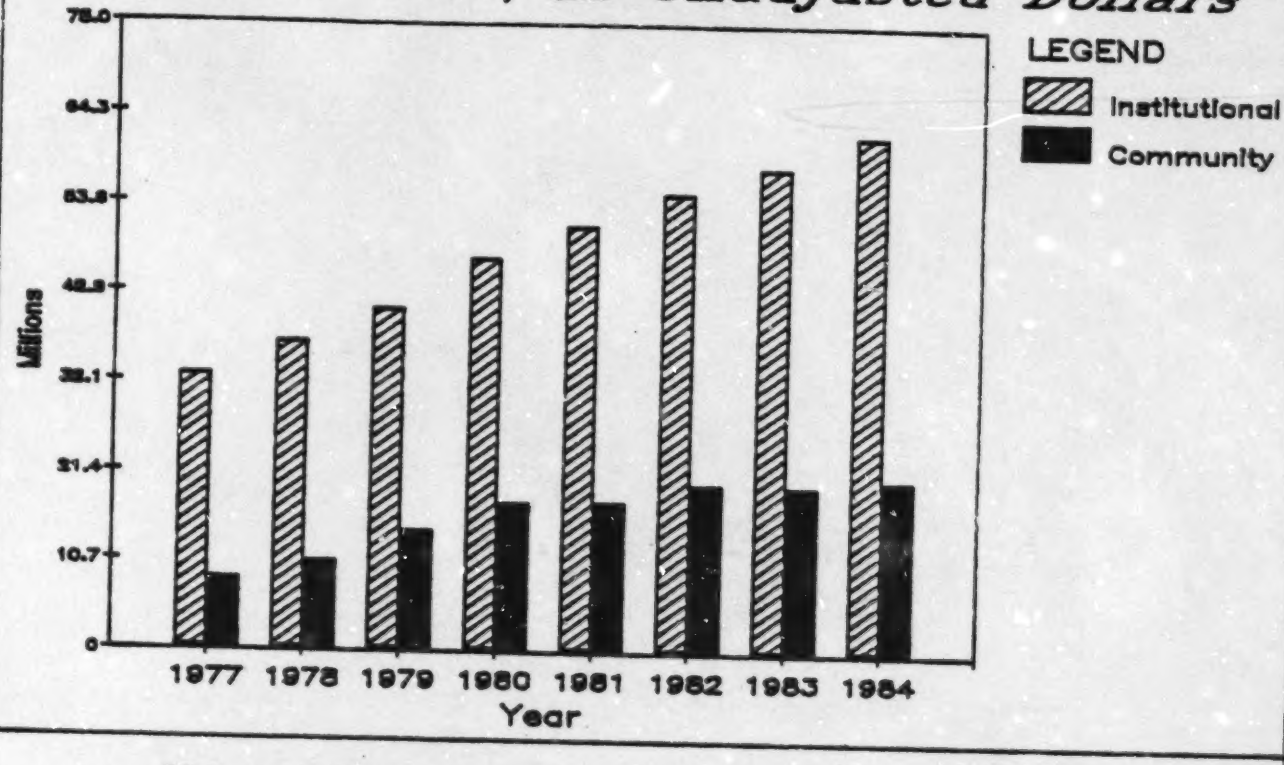


FY 1977–1984, *In 1977 Dollars*

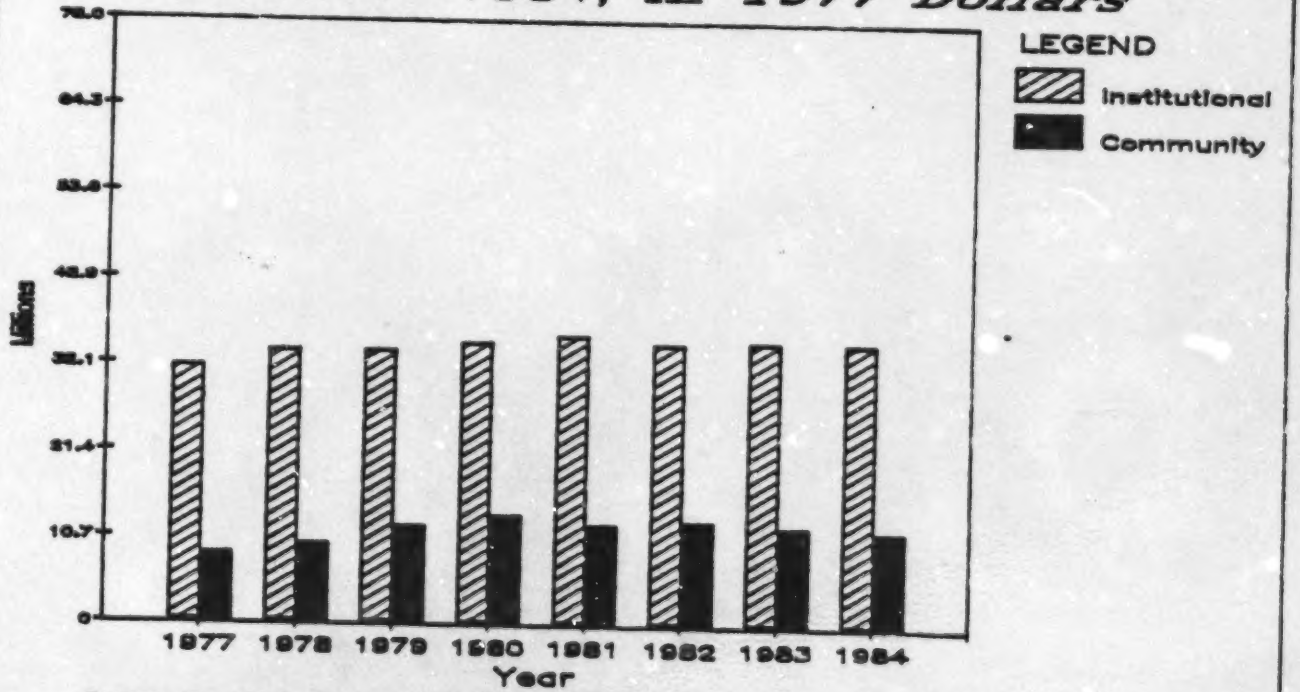


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

TENNESSEE
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*



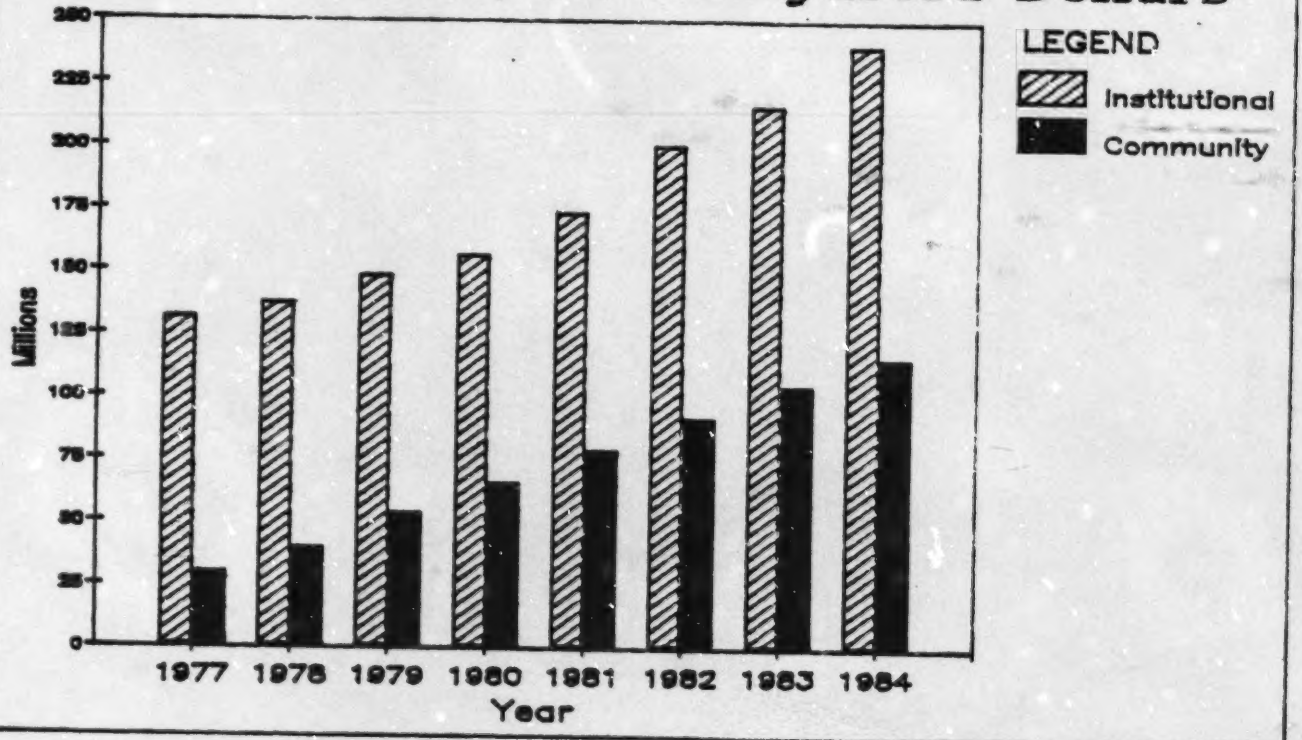
FY 1977–1984, *In 1977 Dollars*



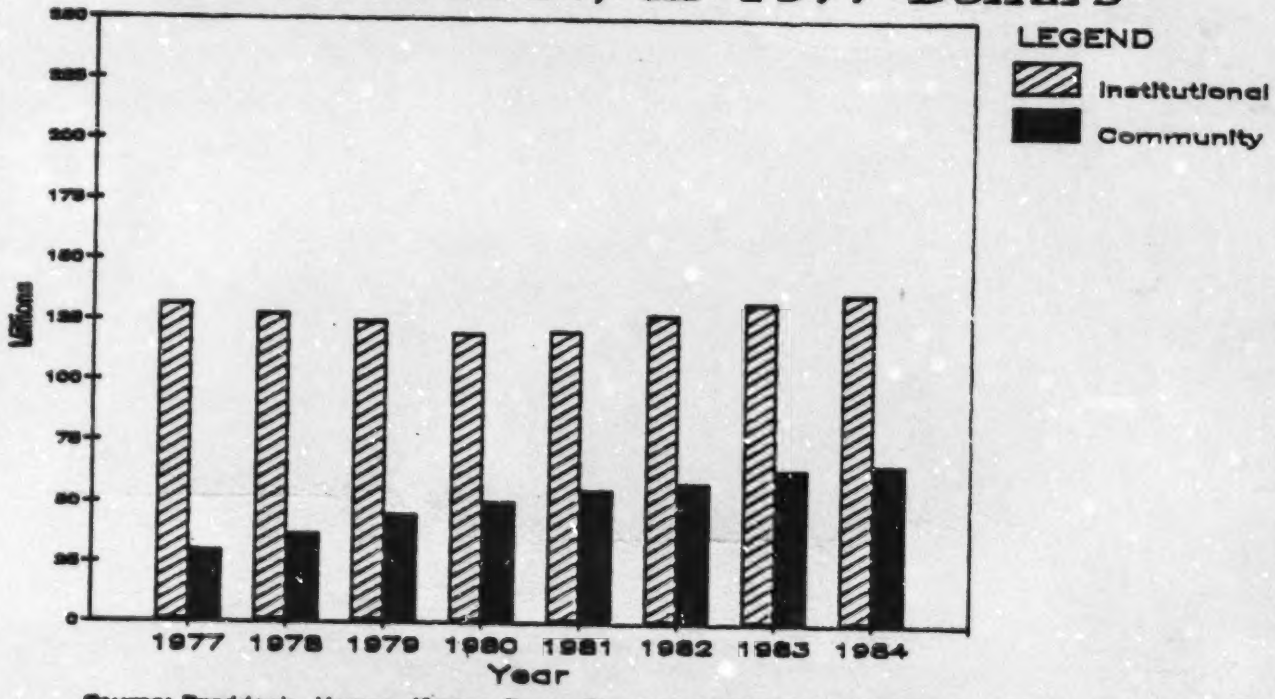
Source: Braddock, Hawes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

TEXAS

Comparative Annual MR/DD Expenditures for Institutional & Community Services FY 1977–1984, *In Unadjusted Dollars*

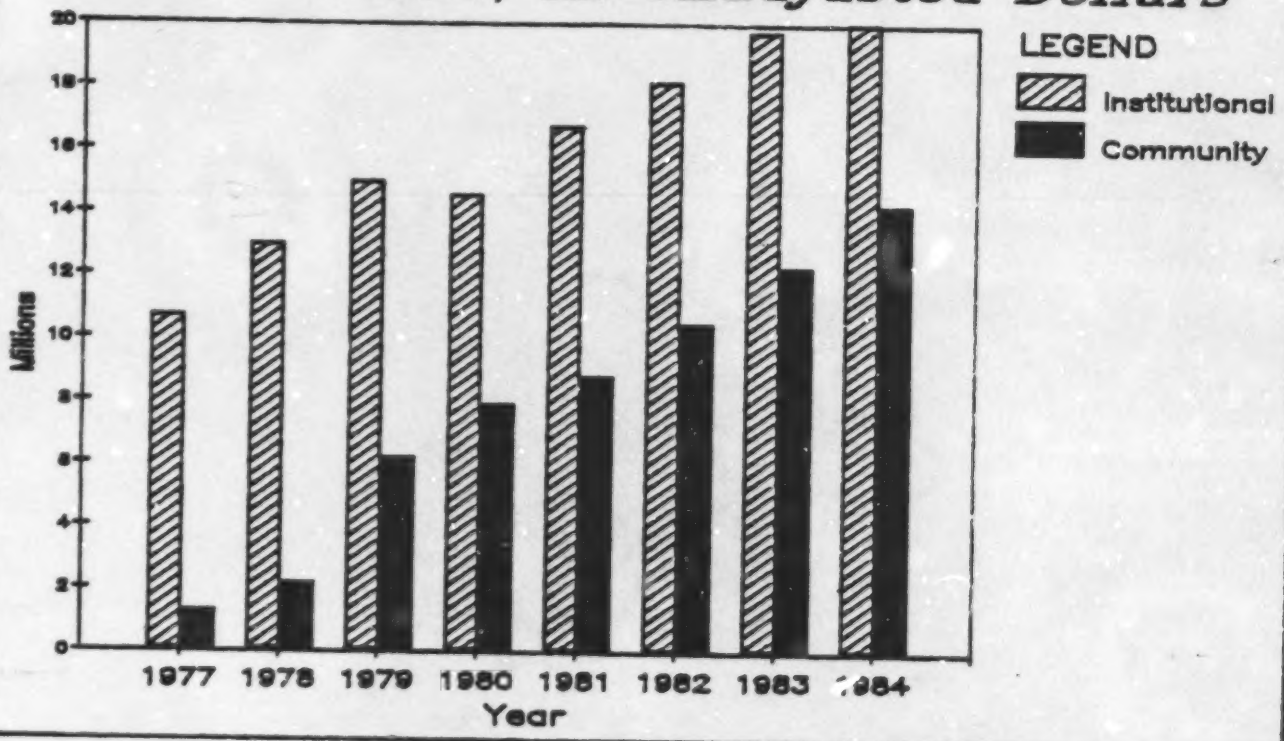


FY 1977–1984, *In 1977 Dollars*

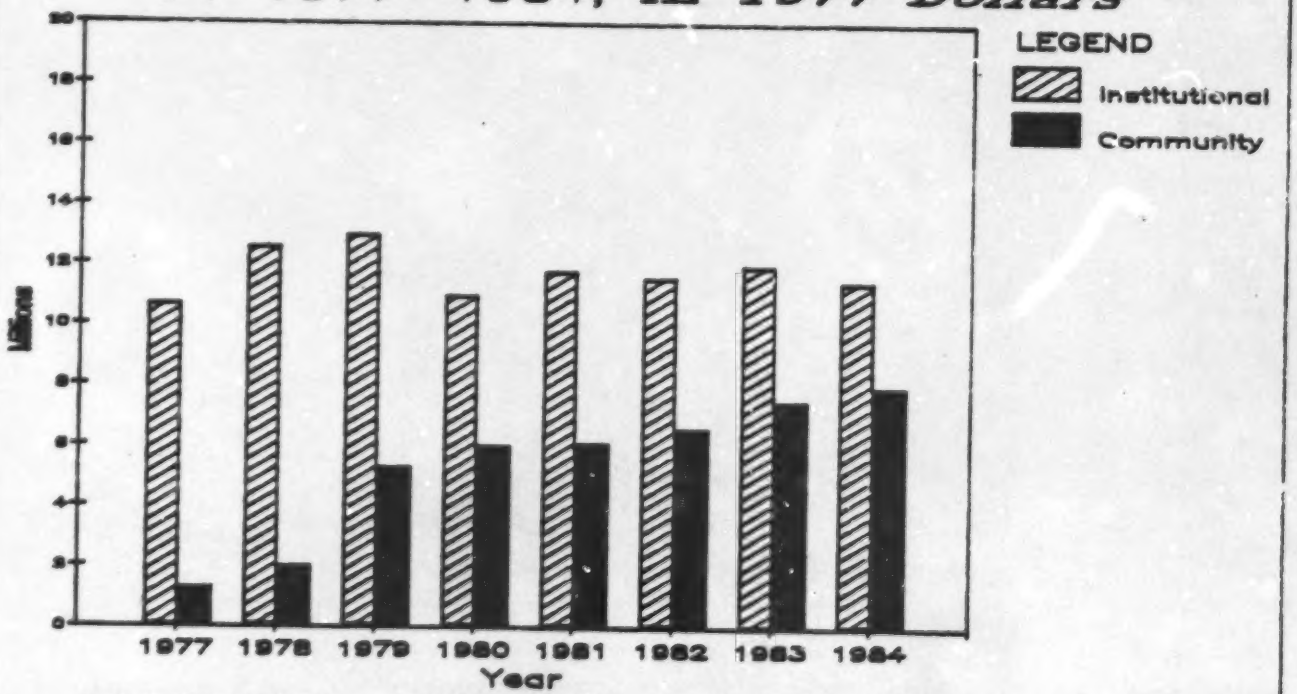


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

UTAH
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*



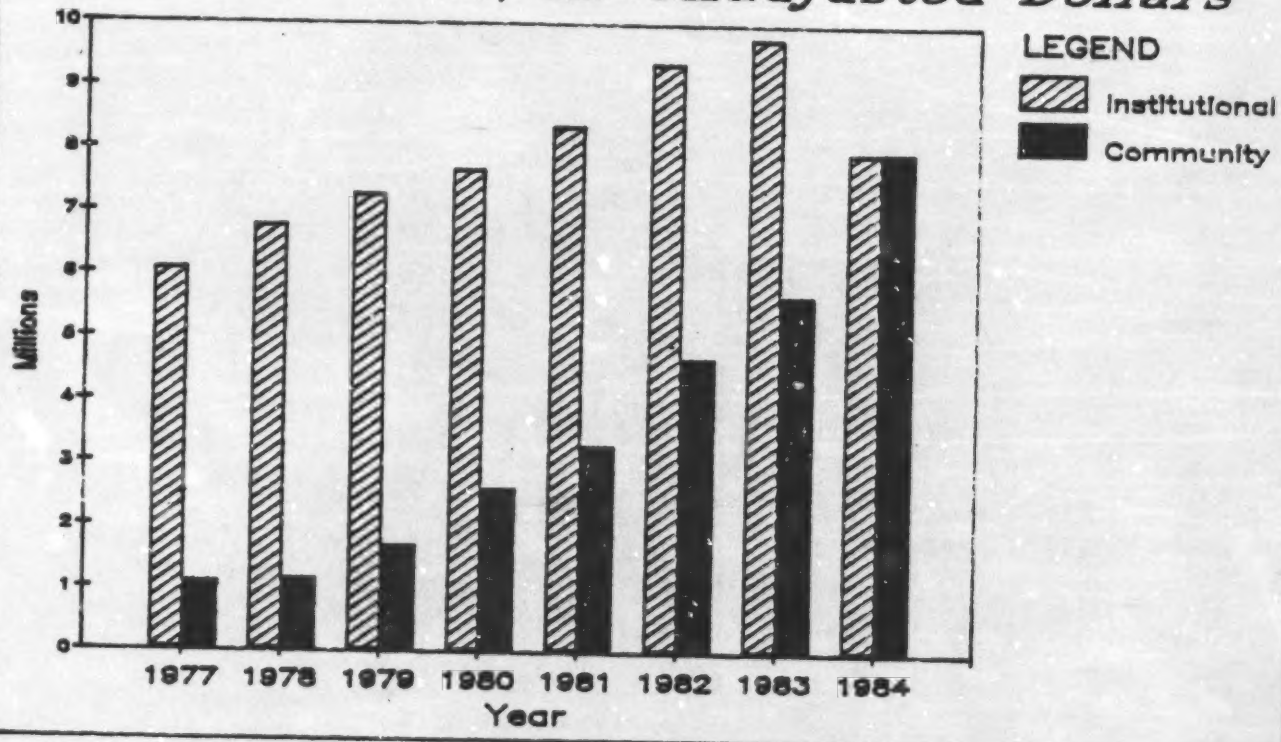
FY 1977–1984, *In 1977 Dollars*



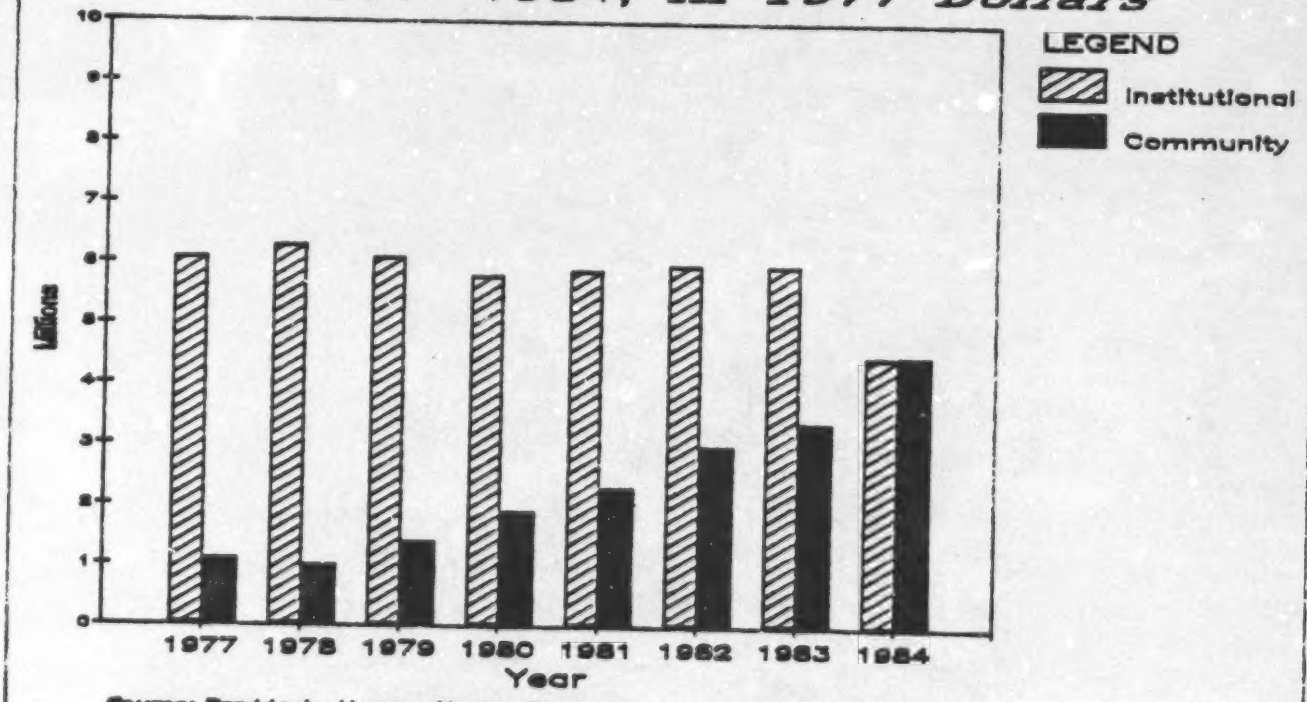
Source: Braddock, Hemus, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

VERMONT

Comparative Annual MR/DD Expenditures for Institutional & Community Services FY 1977–1984, *In Unadjusted Dollars*

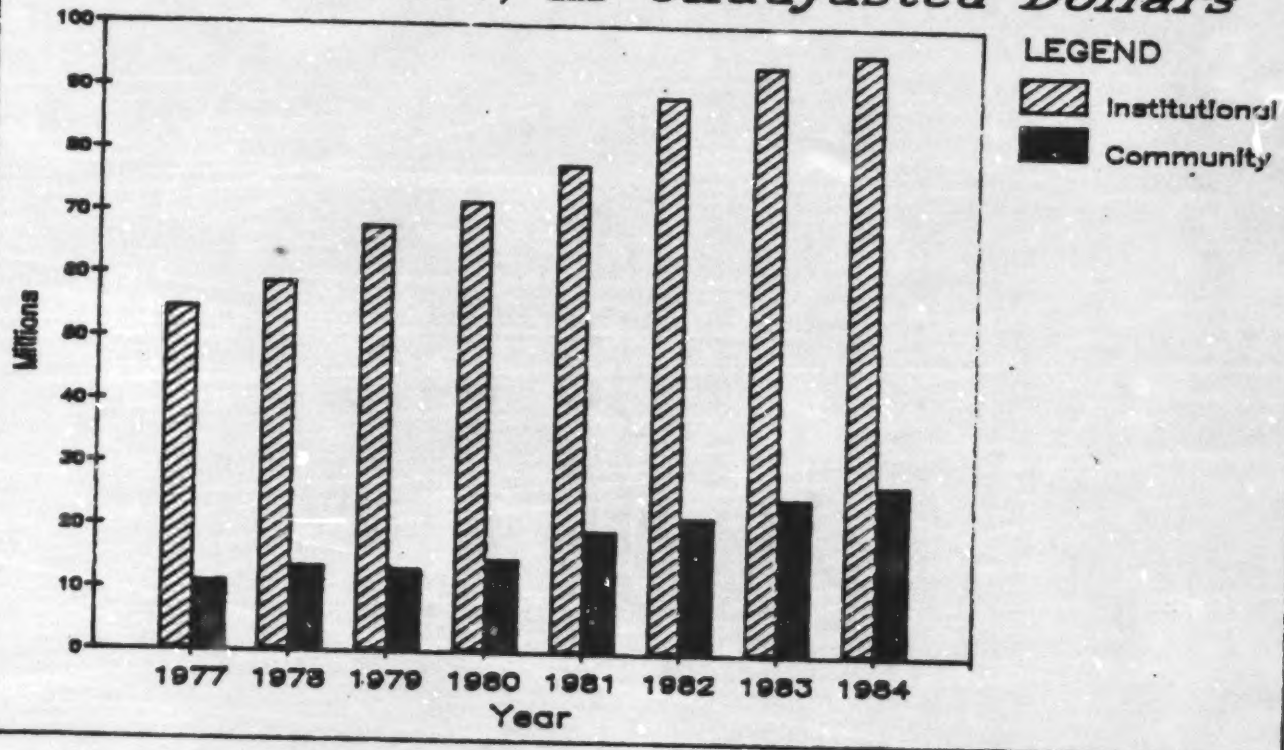


FY 1977–1984, *In 1977 Dollars*

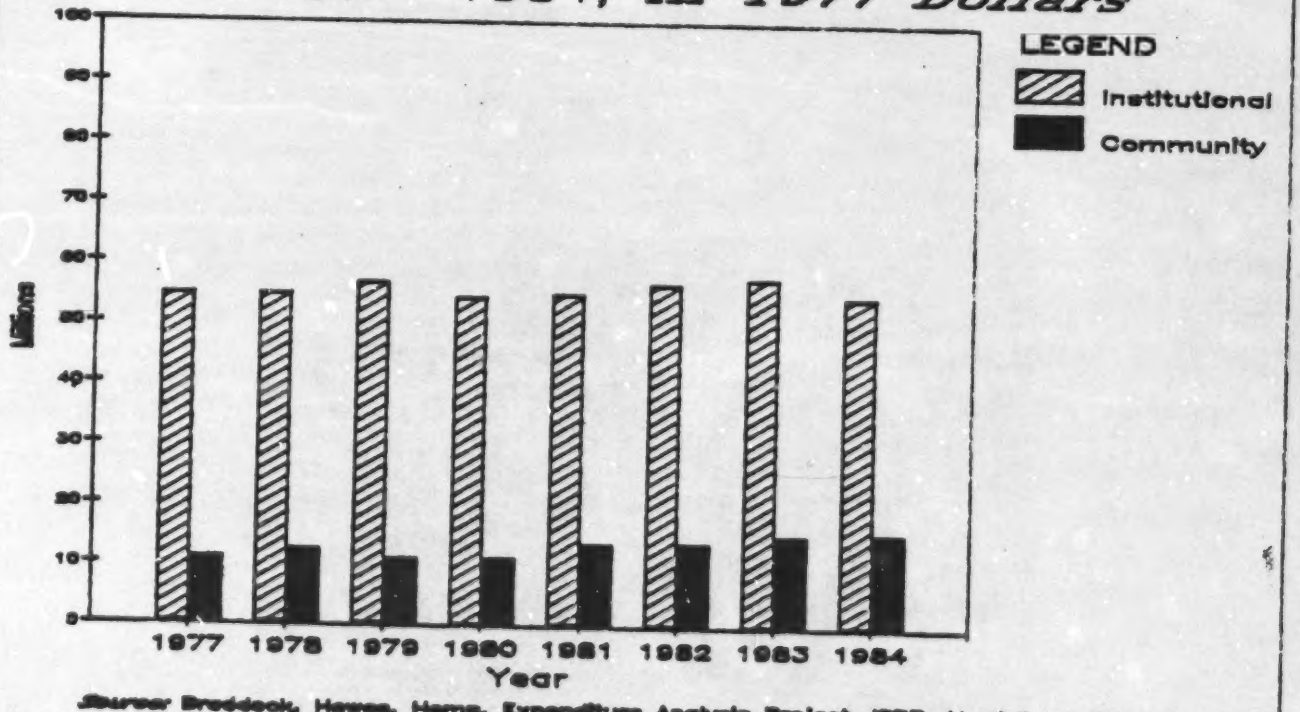


Source: Braddock, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

VIRGINIA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*



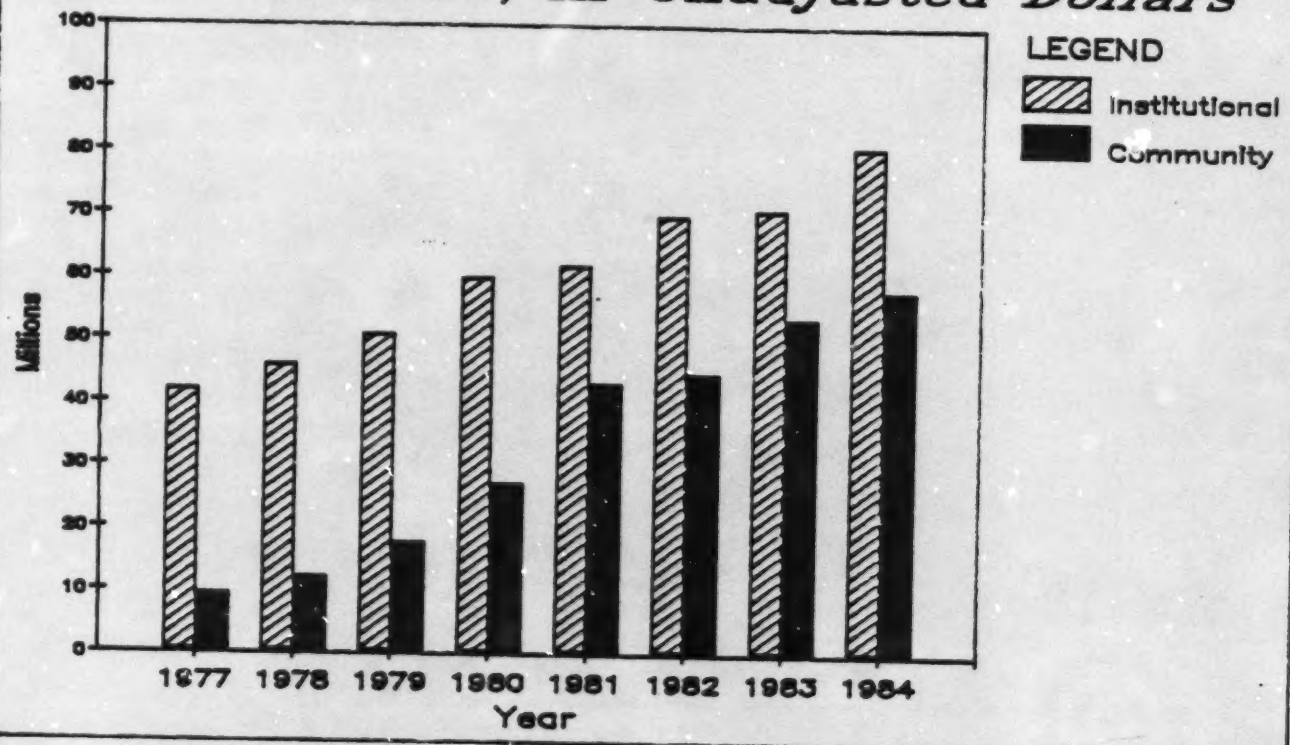
FY 1977–1984, *In 1977 Dollars*



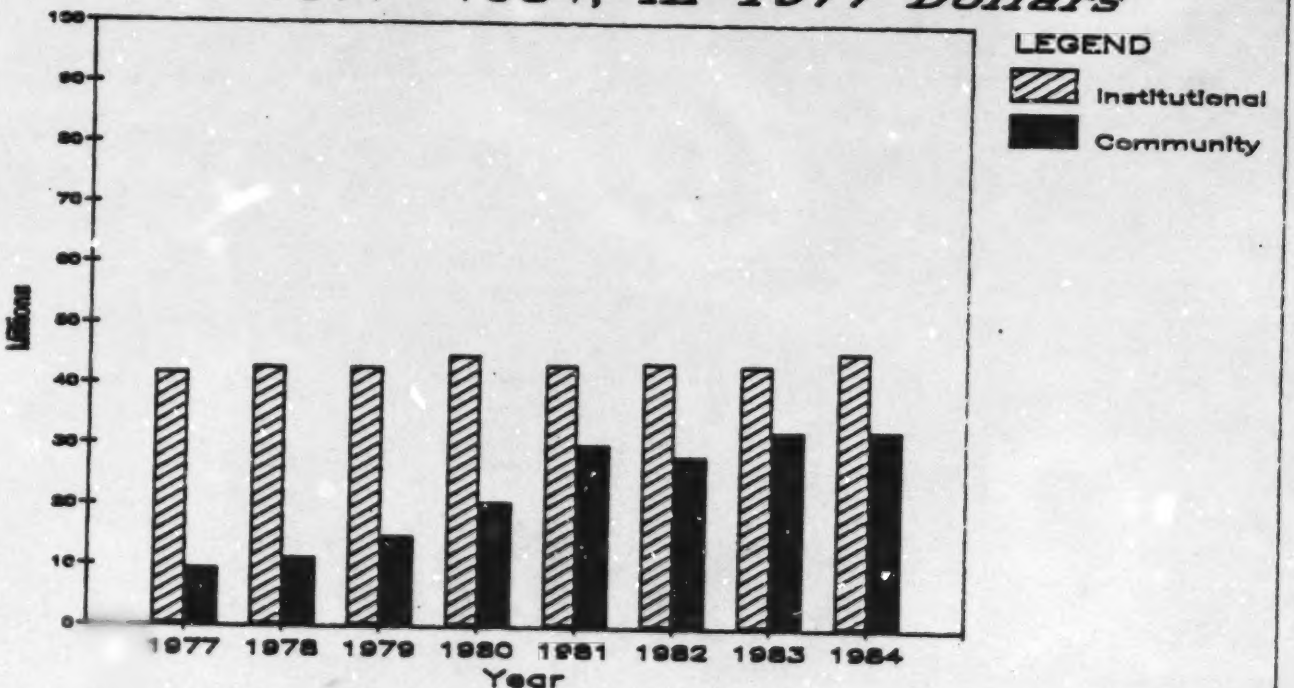
Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

WASHINGTON

Comparative Annual MR/DD Expenditures for Institutional & Community Services FY 1977–1984, *In Unadjusted Dollars*

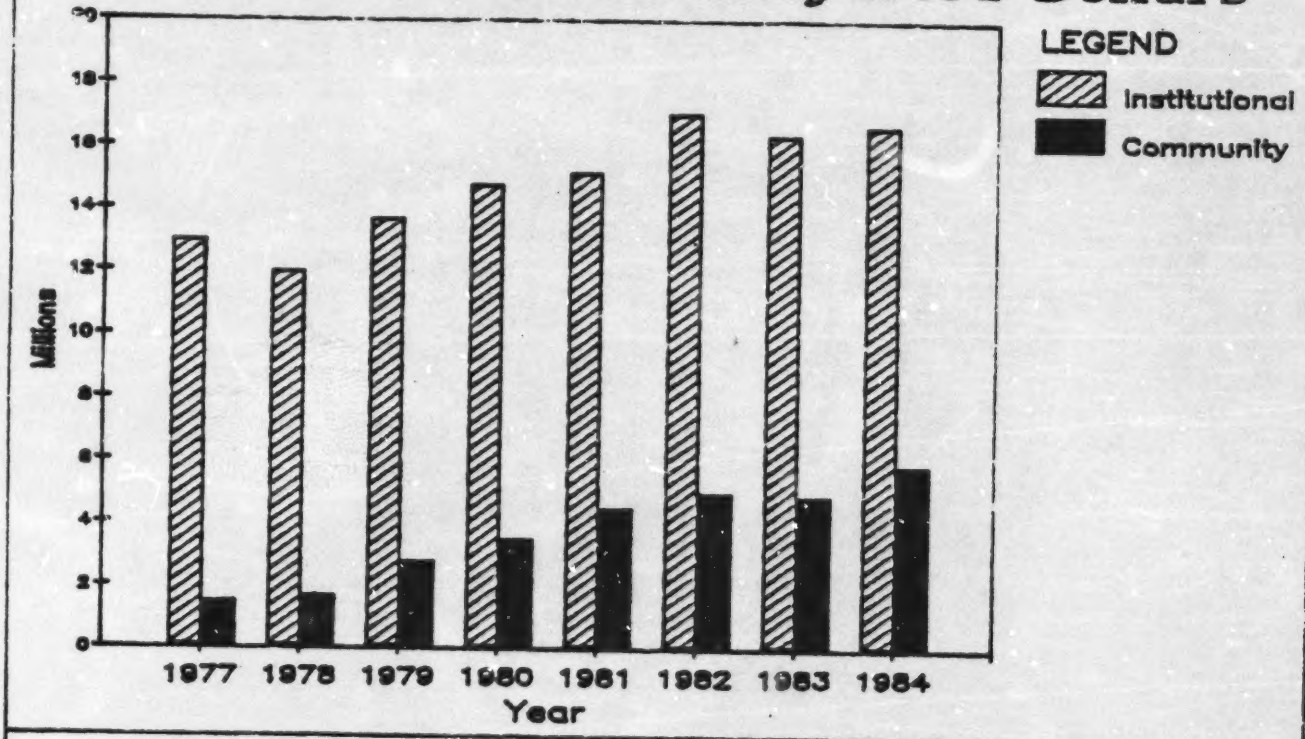


FY 1977–1984, *In 1977 Dollars*

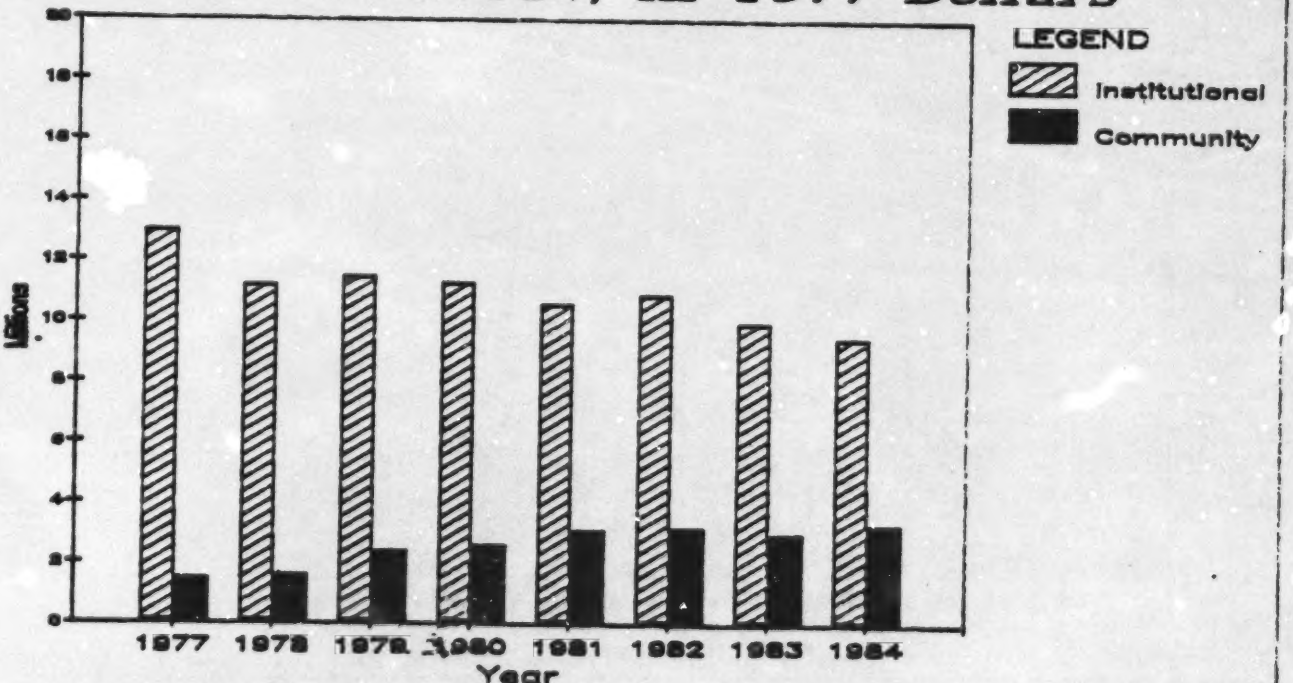


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

WEST VIRGINIA
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

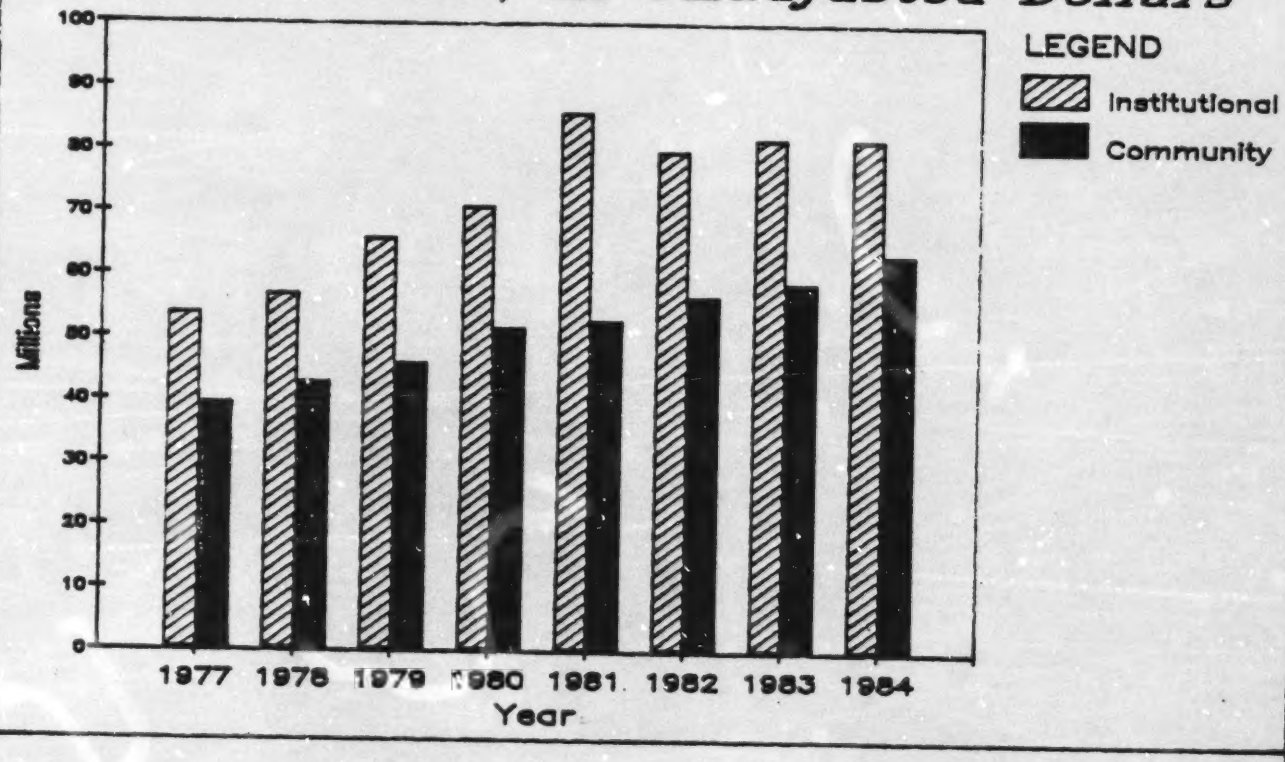


FY 1977–1984, *In 1977 Dollars*

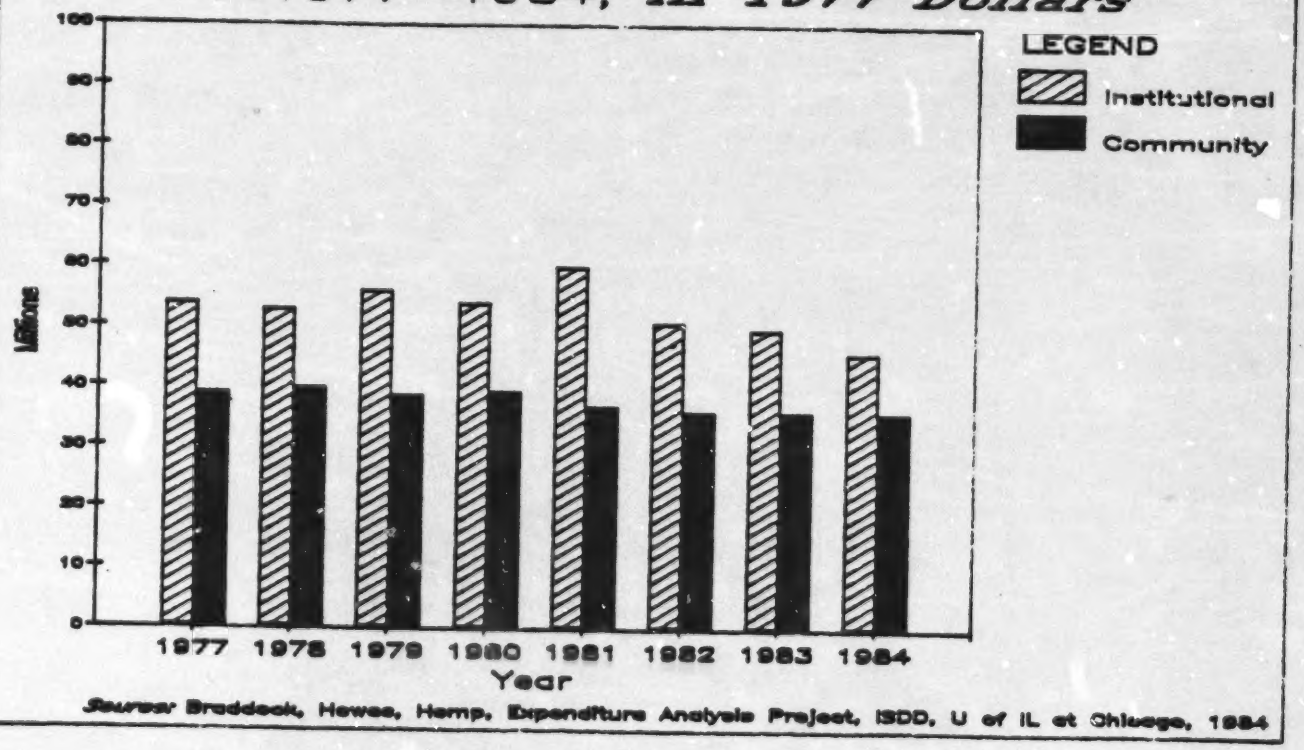


Source: Braddock, Howse, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

WISCONSIN
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*

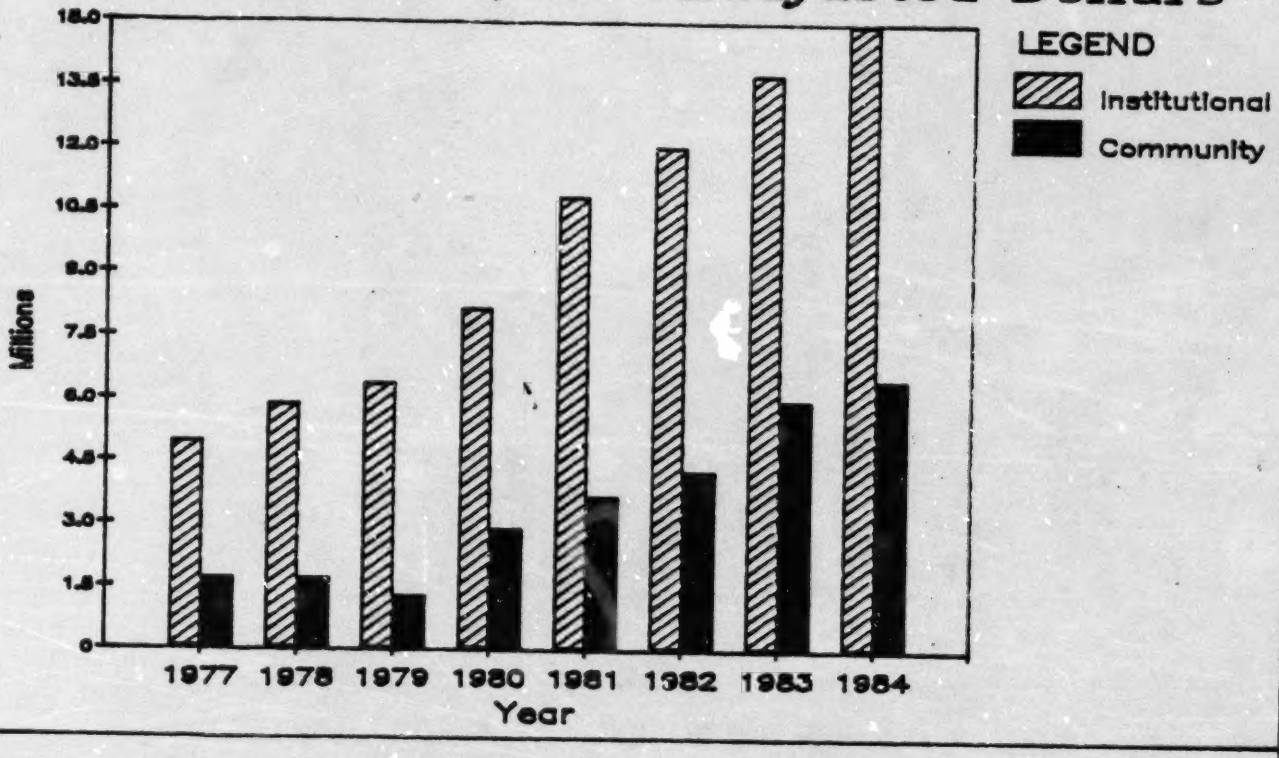


FY 1977–1984, *In 1977 Dollars*

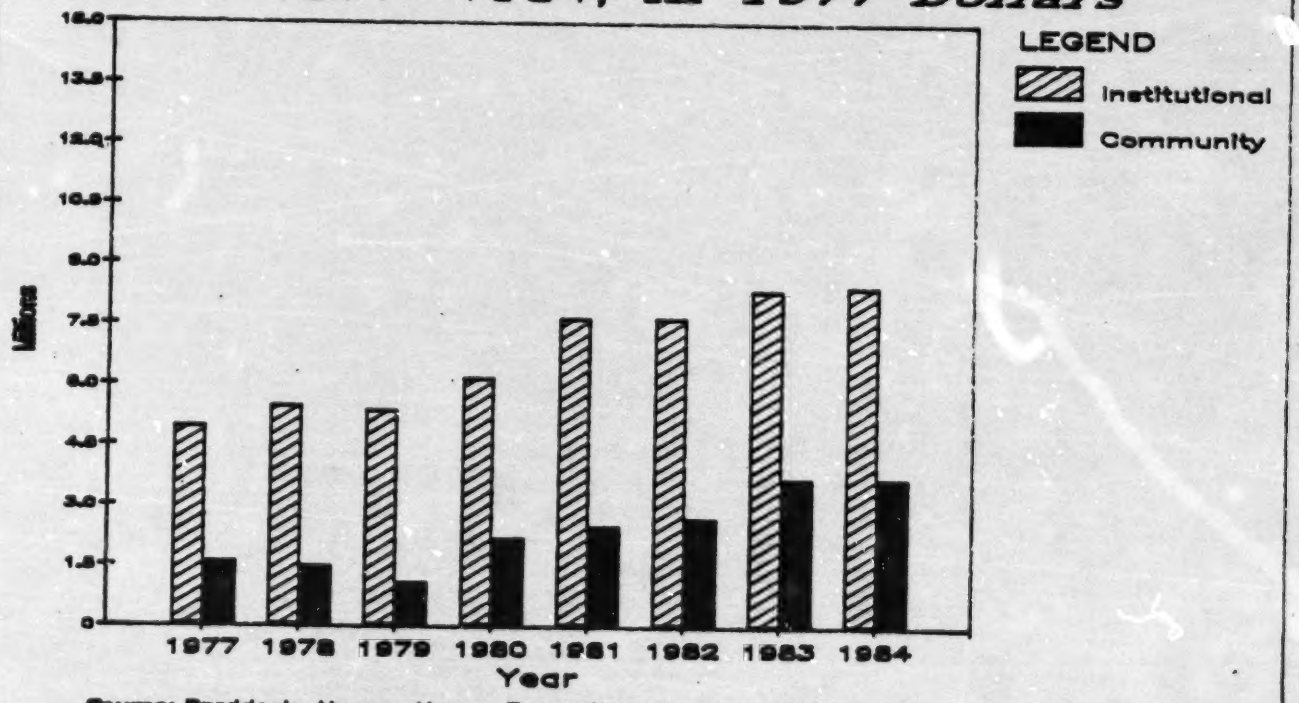


Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984

WYOMING
Comparative Annual MR/DD Expenditures for Institutional & Community Services
FY 1977–1984, *In Unadjusted Dollars*



FY 1977–1984, *In 1977 Dollars*



Source: Braddock, Howes, Hemp, Expenditure Analysis Project, ISDD, U of IL at Chicago, 1984